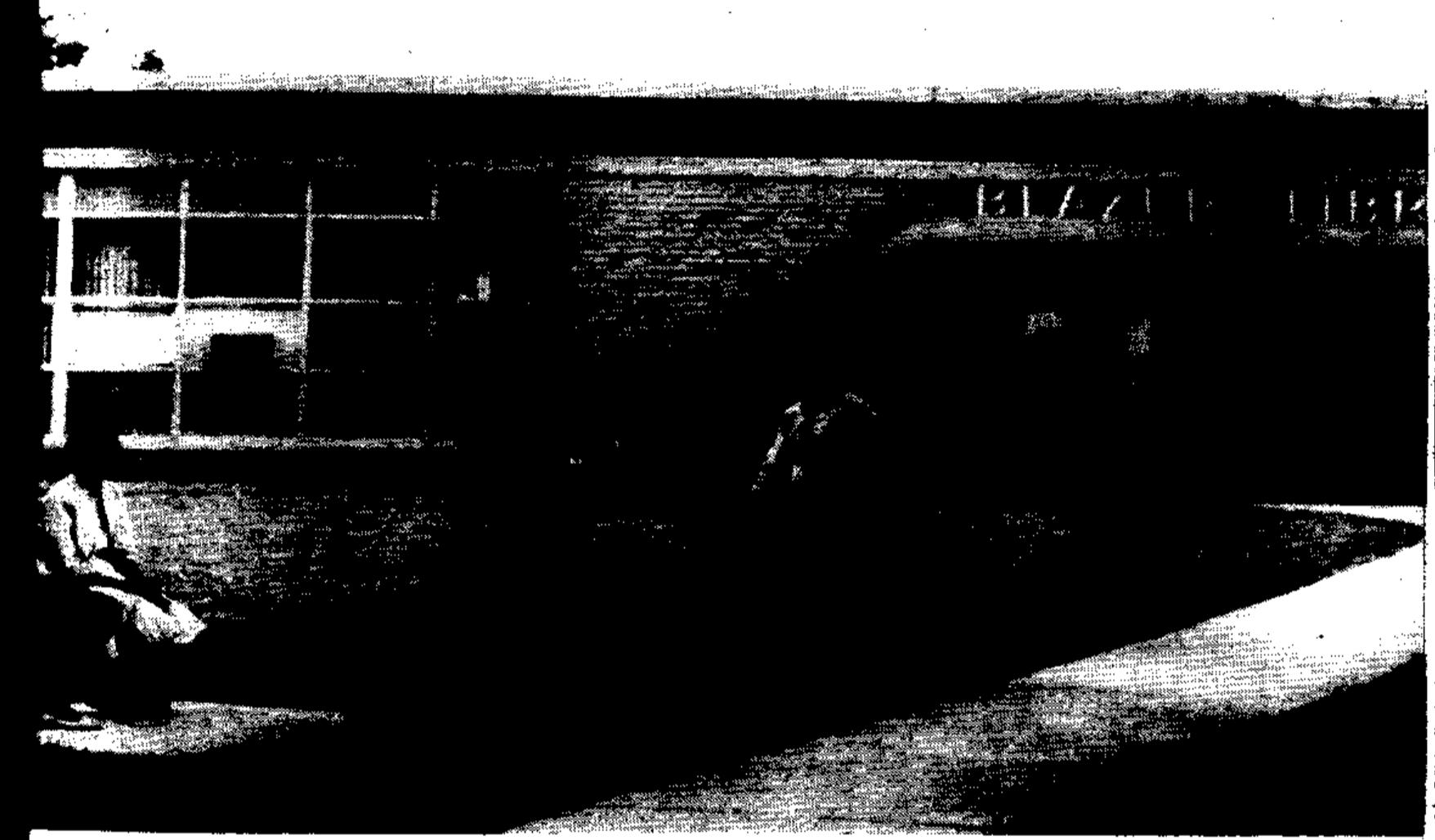


TIGHT BINDING

Kentucky State College
BULLETIN



1964 - 1966
CATALOGUE EDITION

FRANKFORT, KENTUCKY

Vol. 12 THE BULLETIN No. 4

SIXTY-FIRST
CATALOGUE EDITION

*Kentucky State
College*

FRANKFORT

Announcements for
1964-1965
1965-1966

Important for Prospective Students

1. Make room reservation early.
2. Have high school transcripts as well as credits earned at other colleges forwarded to the Registrar.
3. Enter on time.

How to Address Correspondence

For information concerning rooms, please write:
Dean of Students

For inquiries concerning transcripts, admissions, courses of study, bulletins, etc., write:
Office of the Dean and Registrar.

For information concerning student employment, write:
Chairman, Committee on Scholarships and Part-Time Employment.



YEARLY CALENDAR

1964

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
.....	1	2	3	4	5	.....	.....	.....	.....	1	2	3	.....	1	2	3	4	5	6	7	.....	1	2	3	4	5	.....
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
27	28	29	30	.....	.....	25	26	27	28	29	30	31	29	30	.....	.....	.....	.....	.....	27	28	29	30	31	.....	.....

1965

MAY **JUNE**

SEPTEMBER						OCTOBER					
S	M	T	W	T	F	S	M	T	W	T	F

1966

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
.....	.....	.....	.....	.....	.....	1	.....	1	2	3	4	5	.....	1	2	3	4	5	.....	.....	.....	.....	.....	.....	1	2	
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12	3	4	5	6	7	8	9
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	.....	.....	.....	27	28	29	30	31	.....	24	25	26	27	28	29	30	.....	

30 31

KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY
THE COLLEGE CALENDAR

1964-65

FIRST SEMESTER

- 1964
- September 11-13 Faculty-Staff Workshop
- September 14-19 Freshman Orientation Week
- September 14 Orientation Program begins 8:30 A.M. Attendance required of all Freshmen.
- September 14 Monday—Rosenwald School opens.
- September 17 Thursday—8:00 A.M.-4:30 P.M.—Registration for freshmen students, Bell Health & Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.
- September 18 Friday — 8:00-4:30 P.M.—Registration for sophomores, juniors, and seniors, Bell Health and Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.
- September 21 Monday—Instruction begins—8:00 A.M.
- September 24 Thursday—Last day of registration for credit, 12:00 noon
- October 9 Friday—Last day one may drop a course without a grade.
- October 31 T. E. E. P. Examination—Graduating Seniors
- November 11-12 Wednesday and Thursday—Mid-semester examinations.
- November 25 Wednesday — Thanksgiving Holiday begins, 12:00 noon
- November 30 Monday—Classes resumed, 8:00 A.M.
- November 30-December 3 Monday through Thursday — Pre-registration: Second Semester for Freshmen and Sophomores.
- December 18 Christmas Holiday begins, 12:00 noon.
- 1965
- January 4 Monday—Classes resumed, 8:00 A.M.
- January 22, 25 Friday, Monday, Tuesday and Wednesday—Final examinations for all students.
- 26, 27

KENTUCKY STATE COLLEGE
UNIVERSITY OF KENTUCKY

SECOND SEMESTER

February 2 Tuesday—8:00 A.M.-4:30 P.M.—Registration for all students, Bell Health and Physical Education Building. After 4:30 P.M. students who are accepted for registration must pay a late registration fee

February 3 Wednesday—Instruction begins, 8:00 A.M.

February 9 Tuesday—Last day of registration for credit, 12:00 noon.

February 24 Wednesday—Last day one may drop a course without a grade

March 20 T. E. E. P. Examination—Graduating Seniors

March 31-April 1 Wednesday and Thursday—Mid-semester examinations.

April 13 Tuesday—Last day Seniors may file application for degree.

April 15 Thursday—Easter Recess begins, 5:00 P.M.

April 21 Wednesday—Classes resume, 8:00 A.M.

May 28 Friday—Annual Musical Recital.

May 31-June 1 Monday and Tuesday—Senior examinations.

June 1 Tuesday — Commencement Exercises, Rosenwald School.

June 1-4 Tuesday, Wednesday, Thursday and Friday—Final examinations for all students except graduating Seniors.

June 4 Friday—Rosenwald School closes.

June 5 Saturday—Senior Class Day.

June 5 Saturday—Alumni Day.

June 5 Saturday—President's Reception to Seniors, Parents and Alumni, 6:00 P.M.-8:00 P.M.

June 6 Sunday—Commencement Convocation, 4:00 P.M.

**1965
SUMMER SCHOOL
JUNE 14 — AUGUST 7**

**KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY
THE COLLEGE CALENDAR
1965-66**

FIRST SEMESTER

1965

September 10-12 Faculty-Staff Workshop.

September 13-18 Freshman Orientation Week.

September 13 Orientation Program begins 8:30 A.M. Attendance required of all Freshmen.

September 13 Monday—Rosenwald School opens.

September 16 Thursday — 8:00 A.M.-4:30 P.M.—Registration for freshmen students, Bell Health & Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.

September 17 Friday — 8:00 A.M.-4:30 P.M. — Registration for sophomores, juniors, and seniors, Bell Health and Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.

September 20 Monday—Instruction begins—8:00 A.M.

September 23 Thursday—Last day of registration for credit, 12:00 noon.

October 8 Friday—Last day one may drop a course without a grade.

October 30 T. E. E. P. Examination—Graduating Seniors

November 10-11 Wednesday and Thursday—Mid-semester examinations.

November 24 Wednesday — Thanksgiving Holiday begins, 12:00 noon.

November 29 Monday—Classes resumed, 8:00 A.M.

November 29-December 2 Monday through Thursday—Pre-registration: Second Semester for Freshmen and Sophomores.

December 17 Friday—Christmas Holiday begins, 12:00 noon.

1966

January 3 Monday—Classes resumed, 8:00 A.M.

January 21-24 Friday, Monday, Tuesday and Wednesday — Final examinations for all students.

25, 26

SECOND SEMESTER	
February 1	Tuesday—8:00 A.M.-4:30 P.M. Registration for all students, Bell Health and Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee
February 2	Wednesday—Instruction begins, 8:00 A.M.
February 8	Tuesday—Last day of registration for credit, 12:00 noon.
February 23	Wednesday—Last day one may drop a course without a grade.
March 19	T. E. E. P. Examination—Graduating Seniors
March 30-31	Wednesday and Thursday—Mid-semester examinations.
April 7	Thursday—Easter Recess begins, 5:00 P.M.
April 13	Wednesday—Classes resumed, 8:00 A.M.
April 13	Wednesday—Last day Seniors may file application for degree.
May 27	Friday—Annual Musical Recital.
May 30-31	Monday and Tuesday—Senior examinations.
May 31	Tuesday—Commencement Exercises, Rosenwald School.
May 31-June 3	Tuesday, Wednesday, Thursday and Friday—Final examinations for all students except graduating Seniors.
June 3	Rosenwald School closes.
June 4	Saturday—Senior Class Day
June 4	Saturday—Alumni Day.
June 4	Saturday—President's Reception to Seniors, Parents and Alumni, 6:00 P.M.-8:00 P.M.
June 5	Sunday—Commencement Convocation, 4:00 P.M.

1966
SUMMER SCHOOL
JUNE 13 — AUGUST 6

TABLE OF CONTENTS

	Page
Accreditation	11
Administration	141
Admissions	31
Aims of the College	11
Assembly	39
Athletics	20
Auditors	37
Biology, Department of	47
Board of Regents	139
Books, Cost of	29
Buildings	14
Business, Economics, Department of	50
Business Education	53
College Calendar	2-6
Chemistry, Department of	61
Class Cuts	39
Classification of Students	40
Commencement	42
Control of College	139
Correspondence Courses	138
Courses, Changing of	41
Credits	37
Curricula	46
Degrees	42
Dismissal	40
Education—Psychology, Department of	64
English, Department of	73
Examinations	42
Executive Council	140
Expenses	29
Extension	138
Faculty	146
Fees (Special)	28
Financial Information	27
Fraternities and Sororities	19
Graduation Requirements	44
Health Examination	34
Health and Physical Education, Department of	83
History and Political Science, Department of	78
History of the College	11
Home Economics, Department of	89
Honors	35
Industrial Arts, Department of	92
Information for Boarding Students	24
Late Registration Fee	28

TABLE OF CONTENTS—Continued

	Page
Library Science	95
Location	12
Marking System	38
Mathematics, Department of	96
Medical Technology	137
Military Reserve Program	133
Music Education, Department of	99
Penalty for Cheating in Examinations	42
Piano and Organ	28
Pre-Medical Courses	45
Probation	40
Prospective Students	See inside cover
Regional Education in Veterinary Medicine	134
Residence Requirements	37
Romance Languages and Literature, Department of	123
Scholarships	23
Secretarial Science	51
Semester Hour	38
Sociology, Department of	126
Student Employment	23
Student Loans	23
Student Organizations	17
Suggested Entrance Units	34
Supervised Teaching	66
Transcripts	See inside cover



ENTRANCE TO THE COLLEGE

AIMS OF THE COLLEGE

Kentucky State College encourages the attainment of excellence in scholarship, the acquisition of special skills in the arts, sciences and vocations, and the development of a sense of obligation to contribute to the intellectual, cultural, spiritual, and economic growth of the community.

In achieving these ends, the College seeks to prepare its students to think critically; to express themselves creatively; to make independent and rational judgments; and to practice adherence to standards of moral rectitude.

The aims of the College, consistent with the above philosophy, are to provide students: (1) a foundation for graduate and professional studies; (2) preparation for elementary and secondary teaching, for positions in vocational and technical home economics, and for clerical, secretarial, technical and managerial positions in business and commerce; and (3) vocational-technical preparation on a two-year level.

To achieve these aims, the College offers curricula in three areas: (1) regular four-year liberal arts program, (2) two-year community-college program, and (3) late afternoon-evening program.

ACCREDITATION

The College is accredited by or holds membership in the following educational agencies:

Southern Association of Colleges and Secondary Schools
Kentucky State Department of Education
National Council for Accreditation of Teacher Education
American Association of Colleges for Teacher Education
American Association of Land-Grant Colleges and State Universities.

Graduates of the College will be accepted and their credits honored by other accredited institutions for graduate study, professional placement, and employment.

HISTORY OF THE COLLEGE

Kentucky State College was founded as a result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected as first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 a high school was organized. This expansion continued in the 20th century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons, and the president was made an ex-officio member of the Board of Trustees. In 1908 a Practice School was organized. The next year Hume Hall and Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the college an independent institution under its own Board of Regents.

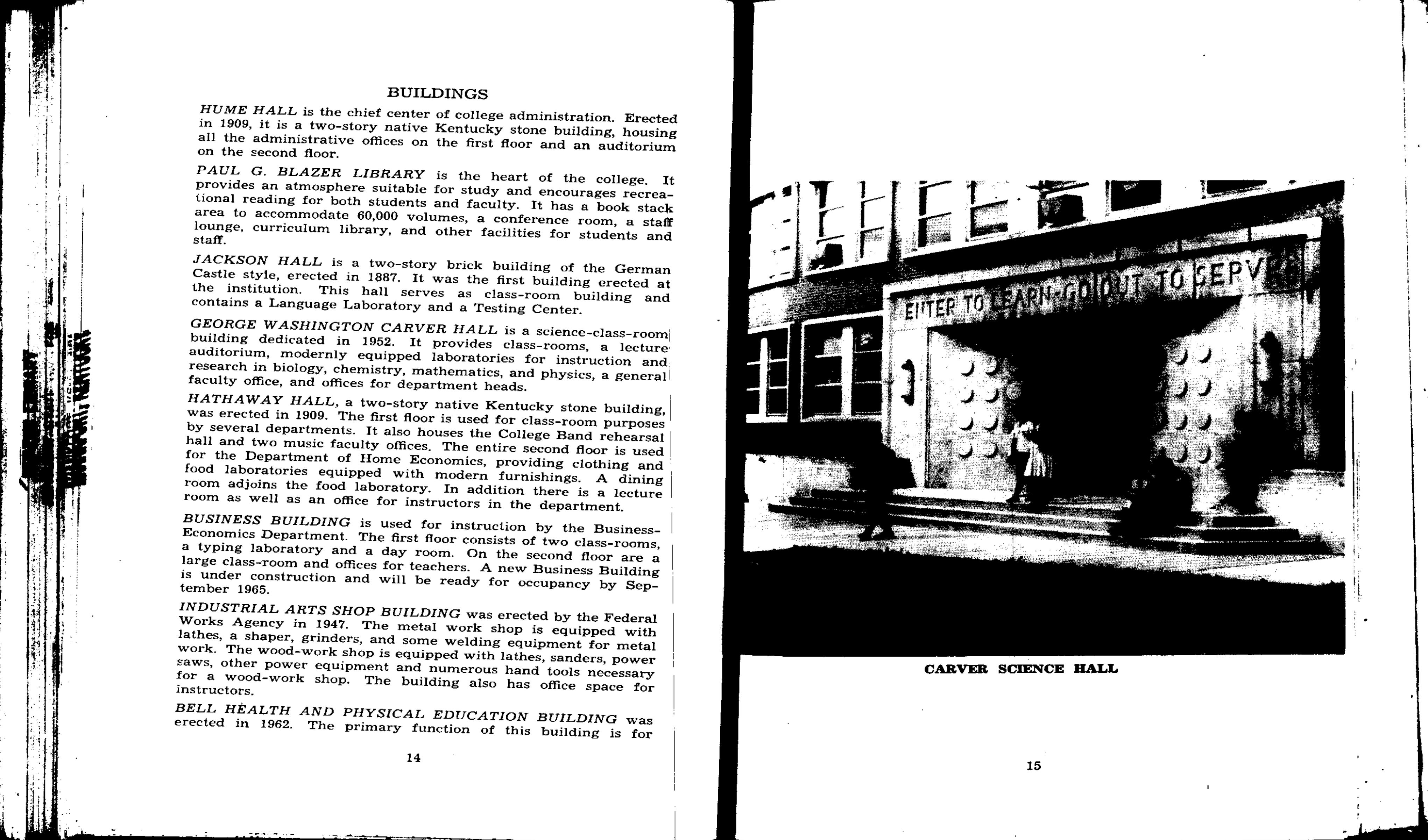
The college has been under the direction of seven presidents: John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-29; F. M. Wood, 1923-1924; R. B. Atwood, 1929-62; and Carl M. Hill, 1962—.

LOCATION

Kentucky State College is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of about 220 acres of rolling land, beautifully studded with evergreen and deciduous shade trees.

U. S. Highway No. 60 passes between the main campus and the Athletic playing fields, forming a dividing line between them. Entrance to both is located on this thoroughfare.

FACULTY GROUP ENROUTE TO PRESIDENT HILL'S INAUGURATION
OCTOBER 1963



CARVER SCIENCE HALL

BUILDINGS

HUME HALL is the chief center of college administration. Erected in 1909, it is a two-story native Kentucky stone building, housing all the administrative offices on the first floor and an auditorium on the second floor.

PAUL G. BLAZER LIBRARY is the heart of the college. It provides an atmosphere suitable for study and encourages recreational reading for both students and faculty. It has a book stack area to accommodate 60,000 volumes, a conference room, a staff lounge, curriculum library, and other facilities for students and staff.

JACKSON HALL is a two-story brick building of the German Castle style, erected in 1887. It was the first building erected at the institution. This hall serves as class-room building and contains a Language Laboratory and a Testing Center.

GEORGE WASHINGTON CARVER HALL is a science-class-room building dedicated in 1952. It provides class-rooms, a lecture auditorium, modernly equipped laboratories for instruction and research in biology, chemistry, mathematics, and physics, a general faculty office, and offices for department heads.

HATHAWAY HALL, a two-story native Kentucky stone building, was erected in 1909. The first floor is used for class-room purposes by several departments. It also houses the College Band rehearsal hall and two music faculty offices. The entire second floor is used for the Department of Home Economics, providing clothing and food laboratories equipped with modern furnishings. A dining room adjoins the food laboratory. In addition there is a lecture room as well as an office for instructors in the department.

BUSINESS BUILDING is used for instruction by the Business-Economics Department. The first floor consists of two class-rooms, a typing laboratory and a day room. On the second floor are a large class-room and offices for teachers. A new Business Building is under construction and will be ready for occupancy by September 1965.

INDUSTRIAL ARTS SHOP BUILDING was erected by the Federal Works Agency in 1947. The metal work shop is equipped with lathes, a shaper, grinders, and some welding equipment for metal work. The wood-work shop is equipped with lathes, sanders, power saws, other power equipment and numerous hand tools necessary for a wood-work shop. The building also has office space for instructors.

BELL HEALTH AND PHYSICAL EDUCATION BUILDING was erected in 1962. The primary function of this building is for

instruction in health and physical education. There are 33,000 square feet of floor area, affording space for two class-rooms, a large game floor, a swimming pool, two team rooms, a concession stand, offices for teachers and other facilities.

MUSIC HALL is a two-floor building designed to house a portion of the Music Department. The first floor contains three key-board practice studios and one large classroom. The second floor consists of one large classroom, with listening facilities, two keyboard practice studios, one instrumental ensemble practice studio and office space. A new Music Building is under construction.

ROSENWALD ELEMENTARY LABORATORY SCHOOL, erected in 1954, is a one-story brick and tile structure. This building is equipped to give modern instruction in elementary education. It contains three class-rooms, a library, an industrial arts room, office for teachers and a cafeteria.

PAUL W. L. JONES FIELD HOUSE, erected in 1941, is a one-story, concrete block building with a basement, by students gaining work experience under the National Youth Administration. In 1947, it was renovated and now contains locker and shower rooms for athletic equipment, a room for visiting teams and toilets for both men and women.

CHANDLER HALL, erected in 1939, is a modern three-story fire-proof brick dormitory for women. The first floor contains a lobby, reception room, office for the director, a small kitchenette.

KENTUCKY HALL, erected in 1929, is a two-story, double-L shaped modern fire-proof brick dormitory for women. The building contains fifty-two student rooms, Director's apartment, and a student reception room. In the basement is the club room.

ATWOOD HALL, erected in 1935, is a modern three-story double-L shaped fire-proof dormitory for men students. It has a spacious lobby, two club rooms, a Director's office, and a five-room Apartment.

MCCULLIN HALL, erected in 1949, is the newest dormitory on the campus. It consists of three stories and a basement. In the basement there is a lounge, a Y.M.C.A. room, a billiard room, a barber shop, a kitchen, and a room for visiting athletic teams, large enough to accommodate 40 persons.

ALUMNI HOUSE is a modern brick cottage, containing a large lounge and two dormitory rooms. The lounge is suitable for small conferences and lends itself to many types of social events.

PRESIDENT'S RESIDENCE, erected in 1919, is an eight-room two-story brick dwelling with full basement.

FACULTY APARTMENTS AND COTTAGES. In 1948 the James S. Estill and James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve family units. In addition there are several other cottages and apartments at the college for faculty use.

RUSSELL MEMORIAL HALL is now occupied by women faculty personnel and contains two faculty apartments.

BETTY WHITE INFIRMARY is an F. W. A. building. Located in it are offices for the school doctor and for the school dentist. There is a ten-bed ward for men and similar accommodations for women, together with an apartment and office for the resident nurse.

COLLEGE BOILER HOUSE, erected in 1939, is a one-story brick fire-proof building. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings. Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

UNDERWOOD STUDENT UNION BUILDING

The Student Union is the center of student life at the college. It was erected in 1939 as the dining room for the college and was converted to its present use in 1958. It contains the office of the Dean of Students, space for the Student Council and Student Publications, the Book-store, a Snackbar, recreation rooms, and a conference room.

OUTDOOR RECREATIONAL FACILITIES

The college provides outdoor recreational facilities for men and women students. There are 7 asphalt and 4 clay tennis courts. In the spring of 1950, a baseball diamond was constructed. Alumni Field was completely renovated in 1947, making it a modern football field surrounded by a running track. It is electrically lighted for night games.

STUDENT ORGANIZATIONS

Students find opportunities for expression and development through various voluntary student organizations. The following constitute a list of such organizations:

Alpha Kappa Mu Honor Society is designed to give recognition and encouragement to high scholarly attainment. Any student who is enrolled in any department of the College who maintains an average of 3.1 or better for five semesters of college work is eligible to become a member of this society.

Omega Chapter of the Beta Kappa Chi Scientific Society was organized at Kentucky State College, October 14, 1946. The objec-

tive of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

Class Organizations are known as freshman, sophomore, junior, and senior. They usually meet monthly and provide opportunities for all students of the college to participate in debating, parliamentary practice, and extemporaneous discussions. Each of them is under the direct sponsorship of a member of the faculty.

Departmental Clubs are sponsored by instructional departments of the college. These groups provide a nucleus for the interaction of classroom instruction and extracurricular experiences and offer wholesome outlets for creative expression. These clubs include the Biology Club, Business Administration Club, English Club, L'Atelier Français Club, Home Economics Club, Health and Physical Education Club.

Dormitory Clubs are mediums through which students in the dormitories aid in the promotion of better living conditions. They are McCullin Hall Club and Atwood Hall Club for men students; Chandler Hall Club and Kentucky Hall Club for women students. These clubs aim to better acquaint the residents with each other; to reach students who fail to participate in other extra-curricular activities; and through house government to build up patterns of self-control.

The International Relations Club is a student organization sponsored by the Department of History and Political Science for students interested in programs and discussions relating to the analysis of contemporary international questions. It is open to all students.

The Modern Dance Group is open to men and women students seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction.

"Musical Ensembles: Brief descriptions of the musical ensembles within the Department of Music are listed below:

College Choir—an instructional organization open to students of the entire college that have the necessary vocal skills to qualify. Its purpose is to perform the great choral works, both sacred and secular. This organization presents several annual concerts on campus in addition to its extensive touring schedule. The choir is also composed of various small ensembles.

College Band—an instructional organization open to any regularly enrolled student with instrumental skills. Its purpose is to provide color and atmosphere to athletic and community events, and to promote and enhance the dignity and reputation of the College. It also provides the interested student the opportunity to

become acquainted with an abundance of the best band literature. In addition, the band is composed of various small ensembles.

College Orchestra—an instructional organization open to all students, faculty and community persons interested in performing compositions of the Masters. Its purpose is to perform a large repertoire of the finest available material for orchestra. In addition, the orchestra is a laboratory orchestra for student composers and conductors. It is also composed of various small ensembles.

Persons interested in the above ensembles should consult with their respective directors or the Head of the Music Department."

The Student National Education Association. The R. B. Atwood Chapter of *The Student National Education Association* is the professional organization of students who are enrolled in the teacher education curriculum of the college. The purposes are to develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national educational associations. The local chapter encourages its members to participate in the campus activities which will contribute to the social and educational growth of future teachers.

Varsity K is an athletic organization composed of men and women who have been awarded letters in any of the recognized sports under the Athletic Department. Cooperativeness, initiative, leadership and good sportsmanship are some of the ideals fostered through this organization.

Veterans Club is a group made up of Ex-Service men. The purpose of this group is to promote and advance the general welfare of the school both on the campus and in the Veteran's respective communities. It is a social club providing an opportunity for veterans to get together and discuss matters of common interest to them.

WOMEN'S ATHLETIC ASSOCIATION

The purpose of this Association is to afford opportunities for participation in wholesome competitive recreational activities for women students. Through a wide variety of activities, the Association seeks to offer opportunity for women of the college to give healthful and creative expression to their activities.

FRATERNITIES AND SORORITIES

Beta Zeta Chapter of the Alpha Kappa Alpha Sorority was set up on Kentucky State College Campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to foster unity and friendship between college women students and the alumnae.

The Beta Mu Chapter of Alpha Phi Alpha Fraternity was set up on Kentucky State College campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

The Alpha Pi Chapter of the Delta Sigma Theta Sorority was organized at Kentucky State College April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

Psi Psi Chapter of the Omega Psi Phi Fraternity was set up at Kentucky State College November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

The Alpha Upsilon Chapter of the Kappa Alpha Psi Fraternity was organized at Kentucky State College March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

PANHELLENIC COUNCIL

The constitution of the Panhellenic Council sets forth the aims and purposes of that student organization as follows:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organizations to follow the principles of fraternalism; and in order that the best interests of the college may be served."

STUDENT COUNCIL

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the council as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of all the student body."

ATHLETICS

The college fosters a wholesome program of athletics. The major sports are intercollegiate football, basketball, track, field and tennis. Intramural athletics include volleyball, basketball, aerial darts, badminton, shuffleboard, ping pong, softball, horseshoe pitching, and track and field. The college is a member of the Mid-Western Athletic Association, the National Association of Intercollegiate Athletics, and the National Collegiate Athletic Association (NCAA), and adheres strictly to the rules of these bodies.

DRAMATICS

The Kentucky State College Theatre gives opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

FORENSICS

Debate teams, for both men and women, are organized to allow students to participate in intercollegiate forensics. Inter-class debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of inter-collegiate debates held during the year. Students of the college who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics are admitted to membership in this organization.

PUBLICATIONS

The Kentucky Thorobred

The Kentucky Thorobred is a student publication issued under the general supervision of a faculty member. It is prepared for publication by interested students.

Yearbook

A student yearbook in pictures covering college and student activities is issued and distributed each year by a staff of students under the supervision of a faculty adviser. Cost of this yearbook is included in the college fees.

THE COLLEGE MOVIE

Presentation of the best movies is a regular feature of the college program. Movies are shown from one to two times per week.

SOCIAL LIFE

Social life, properly supervised, is encouraged and emphasized in the college. In all the entertainments provided for students, the aim is to develop properly the social side of life.

RELIGIOUS OPPORTUNITIES

Realizing the great advantage of training the heart as well as the head and hands of its young men and women, thus awakening and quickening their sense of responsibility for others, members of the Y. W. C. A. conduct a Sunday School for small children residing on the campus and the neighborhood. A Y. M. C. A. and Y. W. C. A. are maintained. Aside from these the school holds mid-week religious services once a week and church services three times a month.

The Baptist Student Union

The Baptist Student Union is a youth organization for Baptists in higher institutions of learning. It serves the college community. It seeks to promote spiritual development of students through Christian comradeships, Bible study, prayer, church membership, denominational loyalty, and Kingdom advancement. The Baptist Student Union seeks to make college life Christian, spirituality pre-eminent, and student friendships happy.

The Wesley Club

The purpose of the Wesley Club is to deepen, enrich and mature the Christian faith of college men and women. It will attempt to lead members of the college community to accept Christ as their personal Savior; lead them to participate in the fellowship of Christian life on the campus; and, help them to achieve the richness of the Christian community. It attempts to develop local campus fellowships which are warm, deeply committed to Christ, and in which students and faculty can mutually strengthen one another in Christian thinking and living.

FINANCIAL ASSISTANCE TO STUDENTS

The expenses connected with attending Kentucky State College are intentionally kept as reasonable as possible, and compare quite favorably with those connected with attending any institution of equal rank and prestige. Kindly refer to the list of expenses printed elsewhere in this section of the catalogue.

Parents are encouraged to arrange to pay expenses in full so students will not have to take up study time in earning their way through school. College studies are difficult and students need much time for study and for the wholesome extra-curricular activities. A work-job may take up time that the student needs for study.

Even though expenses are kept very reasonable, the college maintains a program of financial assistance for those who could not otherwise attend. The primary administration of this program is in the hands of a Committee on Scholarships and Part-time Student Employment. Any student, therefore, seeking aid must file proper application for such employment in addition to the application for admission to the college. Both of these forms may be secured from the Offices of the Dean and Registrar, Dean of Students, or President. Applications for any type of financial assistance must be filed not later than July 1, for proper consideration by the Committee for assistance for the following September. Students who have been assisted previously must re-apply each year, before July 1, forms for which are available in the Office of the Dean of Students.

PART-TIME STUDENT EMPLOYMENT

1. **Campus.** The College employs a limited number of students as typists, as well as helpers in the cafeteria, library, dormitories, classroom buildings, and on the grounds. This work is given to the most worthy and needy students. It frequently happens that students who must work their way through school are unable to carry a full schedule of classes, and this fact should be borne in mind when accepting a job. In the event there is a conflict between a student's job and his class work, the class load may need to be reduced.

2. **City.** A number of students are able to secure work in homes, boarding houses, and other places in the city. Students desiring this type of employment will be assisted by the College in securing it where possible.

SCHOLARSHIPS AND LOANS

1. **Sears, Roebuck and Company:** Sears, Roebuck and Company has made available one three-hundred dollar scholarship to a Freshman student who desires to study Home Economics; a student desiring this aid must be recommended by the Head of the Home Economics Department.

2. **Kroger Company:** The Kroger Company has made available a two-hundred and fifty dollar scholarship to freshman students who desire to study Home Economics; a student desiring this aid must be recommended by the Head of the Home Economics Department.

3. **Board of Regents:** The College's Board of Regents offers a number of one-hundred dollar scholarships to students recommended to the Committee on Scholarships and Part-time Student Employment by high school principals.

4. **Football:** A number of work-scholarships are available to students talented in the sport of football. A student desiring this aid must be recommended by the Head Football Coach.

5. **Basketball:** The College offers a number of work-scholarships to students with talent in the sport of basketball. A student desiring this aid must be recommended by the Head Basketball Coach.

6. **Music:** The College offers a number of work-scholarships to students talented in music. A student desiring this aid must be recommended by the Head of the Music Department.

7. **Other:** Work-scholarships are available to students with high scholastic ability. A student desiring this aid must be approved by the Committee on Scholarships and Part-time Student Employment.

8. *General Student Loan Fund:* The Kentucky State College Student Loan Fund was established in March 1950, and a gift of \$1,000 from Mr. Paul G. Blazer, Chairman of the Board, Ashland Oil and Refining Company, became the first deposit therein. Since that time other persons and organizations have made contributions thereto. Needy and deserving students have made use of the fund in an admirable manner to continue their education.

General Regulations

- A. Priority is given to Seniors, Juniors, and Sophomores in that order — loans are not made to Freshmen;
- B. 2% interest is charged while loanee is a student; 4% after graduation or separation from the college;
- C. Loanees must have a minimum average of "C" or 2 point and must be in good standing at the college;
- D. Loans are made only for necessary educational expenses in connection with attending Kentucky State College. Needy and deserving students who desire to make use of the fund should contact the President of the College.

10. *National Defense Student Loan Program:* Federal low-interest loans are available to superior students in need of assistance and (1) who are interested in majoring in science, mathematics, engineering, or a modern foreign language or (2) who are interested in preparing to teach in the elementary or secondary school. A maximum loan of \$5,000 is available, in allotments of not more than \$1,000 in any fiscal year.

GOVERNMENT AND DISCIPLINE

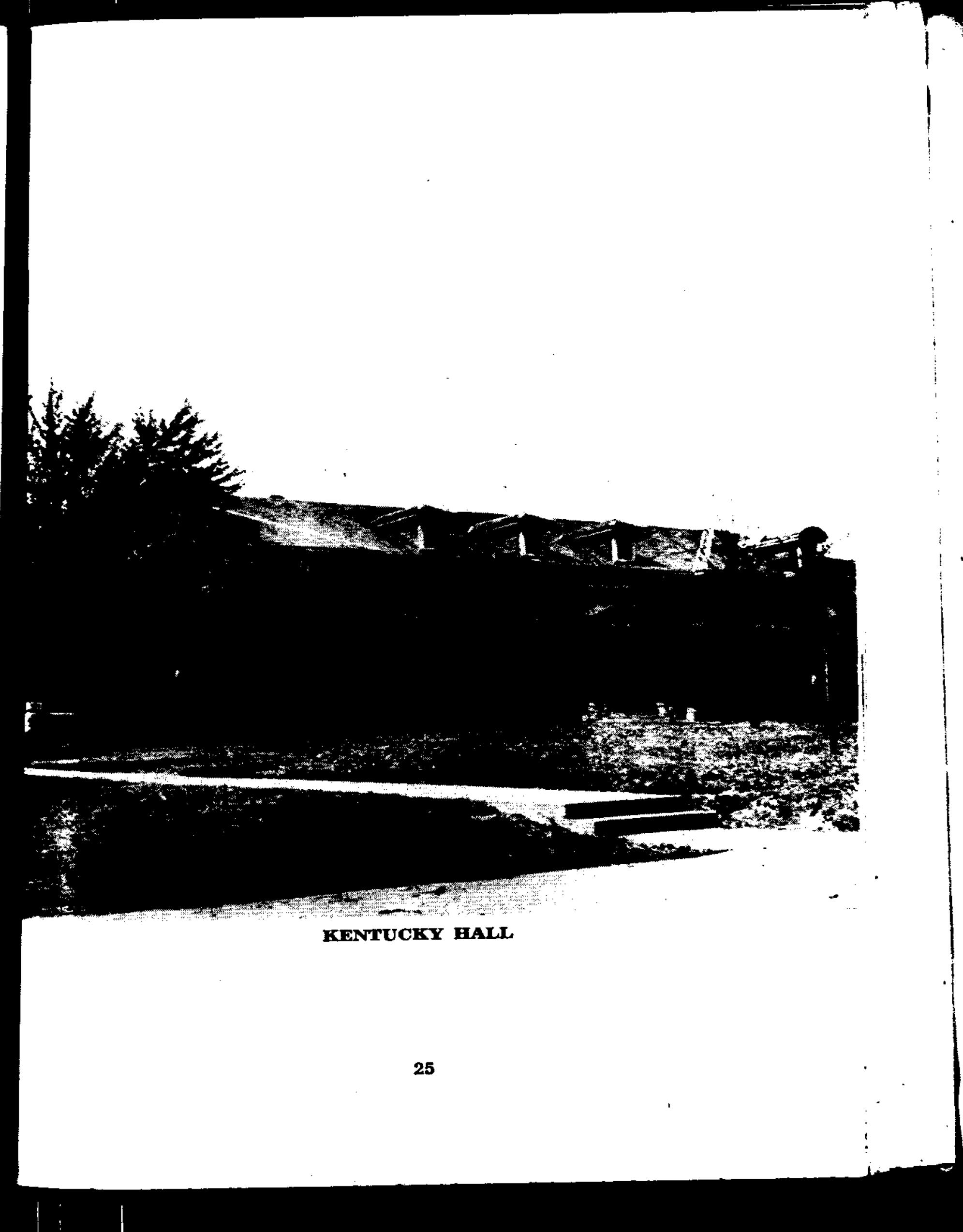
The general direction of collegiate affairs is in the hands of the President, the Dean and the Faculty of the college, with special problems being brought before the Executive Council. The Dean of Students has charge of all student activities. Conduct problems of a serious nature are referred to a Discipline Committee, subject to review by the Executive Council. Students showing themselves at variance with the rules of the college may be dismissed for the good of the institution. The Student Council was organized May, 1935. Its purpose is to cooperate with the administration in maintaining a high plane of student morale and discipline.

INFORMATION FOR BOARDING STUDENTS

ROOMS FOR MEN STUDENTS

Atwood Hall, a dormitory for men, accommodating 140 men, is completely furnished, lighted by electricity, heated by steam, equipped with shower baths and is comfortable at all seasons of the year. Each room accommodates two students.

KENTUCKY HALL



McCullin Hall, completely equipped and furnished, will accommodate 150 men. Each bedroom has built-in closets and shelves and will accommodate two students. All rooms are radiant heated and lighted by electricity.

ROOMS FOR WOMEN STUDENTS

Kentucky Hall, a women's dormitory, accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated, and lighted by electricity.

Chandler Hall, a dormitory for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam heated and lighted by electricity.

Young women are expected to room on the campus when attendance does not exceed the capacity of the dormitory unless for special reasons they are granted permission by the Dean of Students to room elsewhere.

During those semesters when the attendance exceeds the capacity of the dormitory the school maintains a list of private homes which agree to take student roomers under conditions and rates that are acceptable by landladies as well as to the college.

Students should not engage rooms or board before ascertaining from the school that the landlady's home is on the list. The fact that students have roomed and boarded at a home during some previous year is not necessarily a guarantee that the home is at the present on the list. Women students desiring to room with relatives or friends should notify the Dean of Students of such intention as early as possible before coming to secure the school's approval if it can be given.

All students not living in their own homes, whether rooming in the dormitories or in private homes or rooming houses, are alike subject to the regulations, control and supervision of the school.

ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the dormitory are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which applications are received, but no reservation will be made unless there is an advanced payment of \$10.00. This amount will be refunded only in cases of non-attendance on account of personal illness, provided notice is given prior to the opening of school and the room space can be rented to someone else.

CARE OF ROOMS

Students are expected to care for their rooms and to keep them clean and orderly. The college attempts to make it possible for students to live in a refined atmosphere and under good living con-

ditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged accordingly when school property is destroyed.

ARTICLES TO BE FURNISHED BY STUDENTS

Whether rooming on the campus or in private homes, students are required to furnish bed spreads, comforts or blankets, soap and runners for desk and dresser.

BED LINENS AND TOWELS

Bed linens and towels will be furnished each week. For this service, each student is required to pay a nominal fee each semester.

NOTICE TO PARENTS AND GUARDIANS

Parents are asked not to send students to the College before the date set aside for the arrival of new students, as notified when room reservations are made.

For urgent notice or message, send telegrams or special delivery letters.

Parents are promptly notified of their children's illness. Every care will be given the health and happiness of the students of this College.

Parents are asked not to make too frequent requests for students to leave the College. All requests for women students to come home or to go elsewhere should be made in writing to the Dean of Students at least one week prior to the time the student desires to leave. Telegrams requesting students to come home should state reasons for such requests. Requests for leave from parents to students will not be considered.

FINANCIAL INFORMATION

Fees and Expenses

In determining fees and expenses for Kentucky State College, the administration has set forth the lowest possible costs necessary to render satisfactory service. The student's ability to pay has been considered.

Explanation of Fees

REGISTRATION FEES

Each full-time resident student will pay a registration fee of \$75.00 per semester. Full-time non-resident students will pay a registration fee of \$150.00 per semester. (Resident students are those having legal residence in the Commonwealth of Kentucky). Payment of registration fees entitles the student to receive library

service, attend lectures and concerts, receive the college newspaper, and attend local intercollegiate athletic contests. These fees are paid at the time of registration.

SPECIAL FEES

All full-time students will pay a special fee of \$12.00 per semester. This fee entitles students to receive the annual yearbook, a reasonable amount of health and dental service, and membership into the Student Union Association. These fees are payable at the time of registration.

OTHER FEES

Part-time Students—Kentucky residents taking a part-time load (less than 12 semester hours) will be charged \$7.00 per credit hour. Non-Kentucky residents will be charged \$14.00 per credit hour.

Evening School Students—Students enrolling in evening school classes will be charged a fee of \$10.00 per semester hour. Non-credit courses will be charged accordingly.

Late Registration Fee—A fee of \$5.00 is assessed every student presenting himself to begin or complete any part of his registration after the day provided for that purpose. An additional \$1.00 per day is assessed for each successive day thereafter, not to exceed a total of \$10.00.

Special Examination Fee—A student who misses a semester examination will be required to pay a fee of \$.75 per credit hour for each examination missed before it is given again.

Late Medical Examination—Students who do not undergo medical examination at the time scheduled must make special provisions under the supervision of the college physician.

Applied Music—Students enrolling in Applied Music courses will be charged the following semester fees:

Organ;	
One-half hour lesson per week.....	\$18.00
One hour lesson per week.....	27.75

Piano and Voice;	
One-half hour lesson per week	13.50
One hour lesson per week	18.50

Other instruments and class instruction in piano and voice	7.50
---	------

Graduation Fee—A graduation fee of \$15.00 is charged each student who makes application for degree. The fee covers cost of rental of caps and gowns, and the cost of the diploma. All Prospective graduates must pay this fee before March 15.

Summer Session Fees—The fees and expenses to attend the summer session are approximately one-fourth of the total cost necessary during the regular school year. Specific fees and expenses are shown on the summer session bulletin.

BOARD AND RENT

All students occupying rooms on the campus are positively required to take their meals in the college cafeteria unless excused by the Dean of Students. No cooking or storage of food will be permitted in the dormitory rooms. Any student violating this rule may be asked to move from the dormitory.

In order for a student to reserve a room, an advance application and room reservation fee of \$10.00 must be made. The advance payment is credited to the student's account at the time of registration.

The total board expense for the school year is \$320.00 and the total rent expense is \$162.00 or \$180.00 depending on the residence hall.

RENT CHARGES FOR DORMITORIES:

Atwood Hall	\$162.00
Chandler Hall	162.00
Kentucky Hall	162.00
McCullin Hall	162.00
New Men's Dormitory	180.00
New Women's Dormitory	180.00

One-half of both expense items is to be paid during each of the two semesters. All fees and expenses are payable in accordance with the payment schedule as outlined.

BOOKS AND SUPPLIES

Books and supplies for one semester will average \$35.00 to \$40.00. Students enrolling in classes in the Department of Health and Physical Education should estimate an additional \$20.00 for supplies.

GENERAL EXPENSES FOR THE SCHOOL YEAR *Resident Students (In-State Students)*

Registration Fee	\$150.00	320
Special Fees	24.00	190
Board	320.00	
Rent	162.00- 180.00	150
TOTAL	\$656.00-\$674.00	

#174
70
2440

**Non-Resident Students
(Out-of-State Students)**

Registration Fee	\$300.00
Special Fees	24.00
Board	320.00
Rent	162.00- 180.00
TOTAL	\$806.00-\$824.00

**PAYMENT OF COLLEGE EXPENSES
SCHEDULE OF PAYMENTS
1964-65 SCHOOL YEAR**

Student	First	Second	Third	Fourth	Total
	Payment Sept. 17 1964	Payment Nov. 15 1964	Payment Feb. 2 1965	Payment April 1 1965	
In-State Boarding	\$210.00	\$120.50	\$205.00	\$120.50	\$656.00
Out-of-State Boarding	285.00	120.50	280.00	120.50	806.00
In-State Commuting	89.50	.....	84.50	.....	174.00
Out-of-State Commuting	164.50	.....	159.50	.....	324.00

**SCHEDULE OF PAYMENTS
1965-66 SCHOOL YEAR**

Student	First	Second	Third	Fourth	Total
	Payment Sept. 16 1965	Payment Nov. 15 1965	Payment Feb. 1 1966	Payment April 1 1966	
In-State Boarding	\$210.00	\$120.50	\$205.00	\$120.50	\$656.00
Out-of-State Boarding	285.00	120.50	280.00	120.50	806.00
In-State Commuting	89.50	.....	84.50	.....	174.00
Out-of-State Commuting	164.50	.....	159.50	.....	324.00

NOTE: Students living in the new Men's Dormitory and the new Women's Dormitory will be charged \$4.50 additional on each of the four payment dates during both school years.

All accounts are payable as scheduled and must be paid accordingly or in advance. If an account becomes delinquent, the student may be dropped from classes or requested to withdraw from the College. No student shall be permitted to register from one semester to another until all prior accounts are settled in full. No diploma, certificate or transcript is granted a student until all bills with the College are paid in full. All payments should be made payable to KENTUCKY STATE COLLEGE in the form of Money orders, or Certified checks. Address all payments to the Business Office, Kentucky State College, Frankfort, Kentucky.

REFUNDS, DEDUCTIONS, AND WITHDRAWALS

General Fees:

1. When a student withdraws within one week of the official date of registration as specified in the catalogue, 75% of the fees will be refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue, 50% of the fees will be refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue, 25% of the fees will be refunded.
4. After three weeks from the first official date of registration, no refund of fees will be made.
5. No refund will be given on charges made for lessons in Applied Music unless the student withdraws officially from the College. Such refunds will be made only on a monthly basis.

Board and Rent:

1. Refund or credit on board will be made on the basis of a weekly unit.
2. Refund or credit on rent will be made on the basis of a monthly unit.

ADMISSIONS

Graduates of high schools accredited by the State Department of Education or by a recognized regional accrediting association are admitted to the college on certificate, providing they have fifteen credits of high school work acceptable to the college. Only students holding certificates of graduation from accredited high schools will be admitted without examination. Students presenting certificates of graduation from non-accredited high schools will be required to validate credit by examination.



A GROUP OF STUDENTS ENTER COLLEGE

While there is no definite pattern of units required for admission, applicants will be required to present satisfactory evidence of adequate preparation for the course of study they wish to pursue at the College.

VETERANS WHO ARE NOT HIGH SCHOOL GRADUATES

For those veterans who are not high school graduates, the following plan is in effect:

Any veteran who is not a high school graduate who desires the opportunity of regular college attendance and who can demonstrate his competence as shown by the results of tests as recommended by the United States Armed Forces Institute and the American Council on Education, may apply for the administration of such tests. Such persons will be granted the college level of classification exhibited and will be granted the privilege of pursuing majors toward the Bachelor's degree or enrollment in any courses offered by the college for which the persons are eligible.

ADMISSION BY TRANSFER FROM SOME OTHER COLLEGE

Credit will be transferred when earned with a grade not lower than "C" and when earned in courses corresponding to those offered at Kentucky State College. In cases of questionable credits, including those transferred from colleges without standard accreditation, acceptance of credits will be deferred at the time of admission but credits will be placed on the student's record after one or more years of satisfactory work in Kentucky State College. It is the student's responsibility to have all transfer credits in the office of the Dean and Registrar at the time he wishes to register. To qualify for graduation, transfer students must maintain a "C" average or better in courses taken at the college. The Dean and Registrar shall pass judgment on all cases referring to classification. An applicant who is on probation, suspended, or expelled from another institution is not eligible for admission to the College, unless he can qualify for re-admittance at the institution from which he wishes to transfer.

APPLICATION FOR ADMISSION

A student who plans to enter the college for the first time should write the office of the Dean and Registrar requesting an "Application for Admission." Upon receipt of the application blank, the student should give the information requested on parts one and two. When this information is supplied, the student should have the principal of the high school from which he or she graduated, give the necessary information requested on parts three and

four. The principal should then mail the completed form to the office of the Dean and Registrar, Kentucky State College. Before any student is permitted to register, a complete record of his high school transcript must be in the office of the Dean and Registrar.

SUGGESTED ENTRANCE UNITS

At least ten of the units presented for admission should be chosen from English, mathematics, the social studies, the foreign languages, and the laboratory sciences. Of these, at least three units in English and two in mathematics are recommended.

GROUP A

English	4	Mathematics:	
Foreign Languages:		Advanced Arithmetic	3½-1
French	1 -3	Advanced Algebra	1½
German	1 -3	Solid Geometry	½
Greek	1 -3	Trigonometry	½
Latin	1 -4	Sciences:	
Spanish	1 -3	Biology	½-1
History and Civics		Botany	½-1
History	1 -4	Chemistry	½-1
Civics	½-1	General Science	½-1
Political Economy	½	Physics	½-1
Education (Including Psychology)	½-1	Geology	½-1
Teaching	1	Physical Geography	½-1
		Physiology and Hygiene	½-1
		Sociology	½
		Zoology	½-1

GROUP B

Agriculture	3½-4	Home Economics	½-4
Bookkeeping	½-1	Music	½-1
Commercial Law	½	Shop Work	½-2
Commercial Geography	½	Shorthand	½-1
Drawing—Freehand	½-2	Surveying	½
Drawing—Mechanical	½-2	Salesmanship	½

[†] Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

HEALTH EXAMINATION

All freshmen and transfer students must file a certificate with the Registrar showing that the required physical examination has been taken before formal admission to the College is granted. Proper forms will be furnished by the College together with other necessary admission materials. These must be executed and signed by the applicant's physician and returned to the Registrar's office before the student is admitted.

A Student absent from the College for a period of one year or more must also submit a medical certificate from his physician before re-entering the College.

Tuberculosis tests will be administered at the College during each year. If these tests show a positive reading, a fee will be charged for an X-ray which is required in such cases.

READING IMPROVEMENT SERVICE

In an effort to assist students in developing efficiency in reading, the institution operates a Reading Improvement Service. Students' reading problems are given individual attention.

The reading improvement program is designed primarily for those students who show signs of reading deficiencies. It is, however, open to all students who wish to improve in reading and study skills. The program makes use of a large number of printed materials and instruments.

APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the second Tuesday in April.

Only students who have met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will be considered for graduation during a particular year.

The student is held responsible for completing all requirements for graduation by the time he expects to graduate.

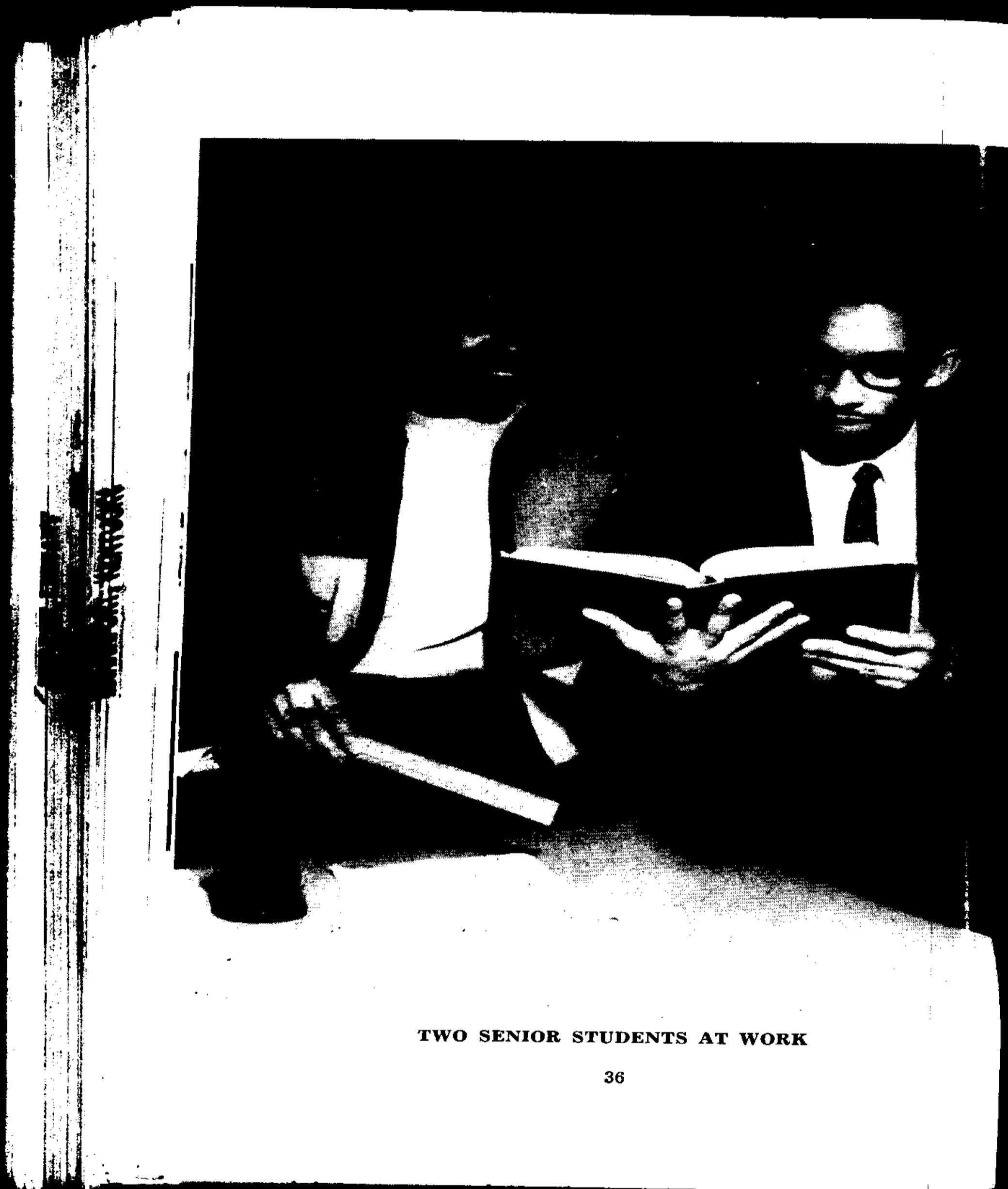
HONORS

An Honor Roll List will be published by the office of the Registrar at the close of each semester. The names of students making an average of 3.8 quality points or more will be placed on the Honor Roll. Those averaging 3.2 quality points or more will be placed on the Honorable Mention List. To be eligible for the Dean's List, a student must carry 15 semester hours.

Upon graduation from the college the following honors will be awarded: With Distinction to students whose general quality point average for four years is 3.2 or above; With High Distinction to students whose general quality point average for four years is 3.5 or above and who have received no F's or D's; With Highest Distinction to students whose general quality point average is 3.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at the college during a regular term.

DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a college average of not less than 3.0 and a departmental average of not less than 3.3. In computing departmental



TWO SENIOR STUDENTS AT WORK

36

averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.

MAXIMUM AND MINIMUM CREDITS ALLOWED

The student is required to carry each semester a load amounting to at least 12 semester hours. To be eligible to carry more hours than listed in his curriculum the student must have a standing of at least 3.0 for the preceding semester. Freshmen will not be allowed to carry extra work during the first semester.

ADMISSION OF AUDITORS

Persons desiring to attend classes without credit may be admitted as auditors. Persons who register as auditors will in no case receive credit.

RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in the college as a resident student during his senior year and have gained at least 32 semester hours in the college during that year. At least one-half the credits of a major must be gained in this college. The student is held responsible for completion of all requirements for graduation by the time he expects to graduate.

CREDITS BY EXTENSION AND CORRESPONDENCE

Although the College may accept a maximum of 30 semester hours by extension and correspondence combined, the institution does not encourage the taking of extension or correspondence courses by students.

The following specific regulations shall govern extension or correspondence work:

- a. No student in a degree curriculum shall enroll for or be enrolled in an extension or a correspondence course during any semester or summer session when he is registered as a student at the College.
- b. No student shall submit to the College for acceptance for credit any extension or correspondence course taken while the student is on dismissal from the College for academic or for disciplinary reasons.
- c. No student shall enroll for an extension or correspondence course without the prior written recommendation of the department head of the subject area to which the course pertains and the approval of the Dean.

37

- d. Under no circumstances shall a student be approved to pursue a correspondence course in his major subject or area of concentration unless such course is in addition to the requirements of his curriculum.

DEFINITION OF A SEMESTER HOUR

A semester hour represents one hour of recitation or lecture or two hours of laboratory a week for one semester; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two hours for one semester hour.

MARKING SYSTEM

Student marks are recorded by letter with the following significance: "A" excellent scholarship; "B" good; "C" average; "D" poor; "F" failure; "I" incomplete; "W" withdrawn; "WP" withdrawn passing; "WF" withdrawn failing.

An incomplete or "I" earned in any particular semester must be removed during the next semester the course is offered, otherwise the course will be recorded by the Registrar as "F".

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any semester.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is passing in such course at the time of formal withdrawal.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is failing in such course at the time of formal withdrawal.

The several marks yield quality points as follows:

- A—Four quality points per credit hour
- B—Three quality points per credit hour
- C—Two quality points per credit hour
- D—One quality point per credit hour
- F—No quality points, no credit
- W, WF, WP—No quality points, no credit.

Courses in which a student has made a mark of "A," "B," "C," or "D," may be counted towards a degree with two exceptions: (1) Major and minor courses and (2) Freshman English (English 101 and English 102). A student must repeat any "major course" in which he earns a mark of less than "C", and when he has

accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition shall be kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it shall be substituted for the original mark made in the course of all transcripts sent out by the college. This substitution shall be indicated on the transcript by a suitable device. No student shall be allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. The usual regulation as to fees, amount of work, and probation shall apply to these repeated courses.

At his first opportunity, a student must repeat in class a required course in which he has received a mark of "F" or "WF", unless the Dean of the College authorizes a substitute course.

Unauthorized withdrawal will be marked "WF".

CLASS CUTS

A student is allowed the same number of cuts from class as the number of hours that the course carries. An unexcused absence from a class is construed as a cut.

Necessary absences in excess of the maximum number of cuts may be excused by the Dean of Students upon request of the student within two calendar weeks immediately following the absence.

A student absent from class more than the prescribed number of cuts shall have his final mark in the course reduced one level for each cut above the maximum allowed. (Ex.—If a student has a final average of "A" that average will be reduced, by the instructor, to a "B" if he has one cut above the maximum allowed; "C" if he has two; "D" if he has three, etc.)

When a student has remained out of school because of illness or some other excusable cause for a period longer than one-sixth of the regular class meetings (cumulative and successive) during any semester, he shall be asked to withdraw. It should be noted that the number of days absent from class is calculated from the date of registration of the student for a semester.

ASSEMBLY

Assembly attendance is required of Freshmen and Sophomores. Assembly is held whenever deemed necessary—usually each Tuesday at 10 A.M. Each student who is required to attend assembly shall be allowed three unexcused cuts each semester. For each unexcused cut in excess of this number the student will be required to complete an additional semester hour for graduation. That is, a student with four unexcused cuts will be required to complete 129 hours for graduation; one with five cuts—130 hours for graduation, etc., etc.

CLASSIFICATION OF STUDENTS

1. Freshmen: Students meeting all entrance requirements who have completed 0-30 semester hours.
2. Sophomores: To be eligible for Sophomore classification, a student shall have completed at least 30 semester hours, accumulated an average of at least 1.70, and passed all required Freshman courses.
3. Juniors: To be eligible for Junior classification, a student shall have completed at least 60 semester hours, accumulated an average of at least 2.0, and passed all required Freshman and Sophomore courses.
4. Seniors: To be eligible for Senior Classification, a student shall have completed at least 90 semester hours, accumulated an average of at least 2.0, and passed all required Freshman, Sophomore and Junior courses.

PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP FRESHMEN AND SOPHOMORES

1. Any freshman or sophomore student failing to earn an average of 1.60 in any semester of attendance shall be placed on academic probation at the end of that semester. During the period the academic load shall be reduced to 12½ semester hours (13½ hours if the probation occurs during the second semester of a school year).
2. If, at the end of the probationary period of one semester, the student fails to maintain an overall average of 1.60, he shall be asked to withdraw from the college for one semester, with the exception that a second semester freshman on probation (a student in his second semester of residence) who attains a semester average of 2.0 will be granted a one semester extension of probation in which to attain an overall average of 1.60 before being asked to withdraw from the college for one semester. A request for readmission to the college must be made in writing to the Dean of the College.
3. Any student of freshman or sophomore classification who fails to earn a general average of at least 1.60 by the end of a year of attendance shall be asked to withdraw for one semester.
4. Any student dismissed for poor scholarship and subsequently readmitted shall be required to maintain at all times a scholastic average of 1.60 or incur a final dismissal.

Junior and Senior Classification

1. A junior student shall be dismissed for one semester who, during any semester, fails to maintain a 1.60 average.

2. A senior student shall be dismissed for one semester who, during any semester, fails to maintain a 1.80 average.
3. When other requirements are met, in order to be admitted to Junior classification a student must present an entire average of "C" or 2.0. After being admitted as a junior, if the average falls below "C" at the end of any semester, probation will be incurred.
4. A probationary student who fails to earn a general average of 2.0 in all courses by the end of the next semester of attendance shall be dropped for one semester.
5. Any student of junior or senior classification who fails to earn a general average of at least 2.0 at the end of a year of attendance shall be dropped for one semester. (Any two semesters, whether consecutive or not, constitute a year.)
6. Any student dismissed for poor scholarship and subsequently readmitted shall be expected to maintain at all times the scholastic average required of his particular classification or incur a second dismissal. At the expiration of at least one semester, application for readmittance must be acted upon by the Instructional Faculty.

DISMISSAL AND PROBATION FOR TERMS OF STUDY LESS THAN A YEAR

When a student of any classification pursues 12 or more semester hours of work during different terms within the calendar year, the regulations regarding scholarship standards will be applied.

WITHDRAWAL FROM THE INSTITUTION

Students who find it necessary to withdraw from the institution must secure permission from the Dean of Students to withdraw officially.

Students failing in courses at the time of official withdrawal (unless such withdrawal is within the first three weeks of the semester) shall receive WF in such courses.

Students who withdraw unofficially are subject to the following penalties:

- a. Probationary status first semester of attendance following unofficial withdrawal.
- b. Dismissal for one semester if probationary status precedes period of unofficial withdrawal.
- c. Payment of a \$5.00 fee at next registration.

CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the

Registrar's office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of regular registration. The penalty for changing or dropping a course without the approval of the Dean is failure in the course.

EXAMINATIONS

Regular examinations will be held in all courses at the end of each semester according to the college Calendar.

PENALTY FOR CHEATING IN EXAMINATIONS

1. The penalty for cheating in an examination or for aiding someone else in cheating is a failing grade on the examination in which the cheating occurs.
2. All matters of cheating are reported to the academic dean in writing by the teacher in charge of the course.
3. When a student is guilty of cheating (or of aiding someone else) a second time, whether in the same or in different courses, the student will receive an "F" in the course and will be then recommended to the disciplinary committee for immediate suspension from the college for the remainder of the current semester. In cases where cheating occurs in the final examinations, the suspension would be for the duration of the next semester.

COMMENCEMENT

All students who are candidates for degrees are required to participate in the commencement exercises. Commencement convocation will be held at the close of the spring semester only. Students who satisfy requirements at times other than the spring semester will be regarded as of the graduating class next following completion of the work.

DEGREES

The College offers instruction leading to the following degrees:
Bachelor of Arts with majors in

Elementary Education
English
French
History and Political Science
Sociology
Social Sciences

Bachelor of Science with majors in

Biology
Business Administration and Economics
Business Education
Chemistry
General Science
Health and Physical Education
Home Economics
Industrial Arts
Mathematics
Music Education
Secretarial Science

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of one point or "C".

In all cases the student is responsible for the meeting of requirements for graduation.

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the beginning of the first semester of the senior year. Twenty-four semester hours in a department constitute a major, with the exception of the English major which requires 30 semester hours. Courses pursued in any major are subject to the approval of the student's major department and the Registrar.

Eighteen semester hours in one department constitute a minor.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools.

Students may major, minor, or pursue an Area of Concentration from the following:

Majors: Biology, Chemistry, History-Political Science, English, French, Mathematics, Music.

Minors: Biology, Chemistry, History-Political Science, English, French, Mathematics, Sociology, Music.

Areas of Concentration: Vocational Home Economics, Business Education, Health - Physical Education-Recreation, Music, Social Studies, Industrial Arts.

Courses are available whereby high school certificates in Music and Physical Education may be endorsed on a twelve-grade basis.

GRADUATION REQUIREMENTS

In order to complete requirements for graduation each student must earn at least 128 semester hours. This work is divided as indicated below:

A. GENERAL EDUCATION

Group I—Language		47 hrs.
Required Eng. 101-102	6 hrs.	
Literature	3 hrs.	
French	6 hrs.	
3 additional hours either Literature or Speech	3 hrs.	
Group II—Science		12 hrs.
Required Life Science	6 hrs.	
6 additional semester hours in some field of Science other than Biology	6 hrs.	
Group III—Social Science		13 hrs.
Required World Civilization	6 hrs.	
Required Social Life	1 hr.	
Required 6 additional hours	6 hrs.	
Group IV—Health		4 hrs.
Required Activity	2 hrs.	
Required Health & Safety	2 hrs.	
B. OTHER		81 hrs.
To include majors and minors or a field of concentration, allied fields of study, and electives—with the proviso that not more than 40 semester hours may be taken in any major field.		
Students seeking certification to teach in the public schools of Kentucky must include pre-professional courses to form a balanced program of 12 to 18 semester hours in foundations, to be selected from general education and/or electives. (May include courses in sociology, psychology, or biology)		
Professional Preparation		
Human Development and Psychology	3 hrs.	
Administration of Public Schools	3 hrs.	
Fundamentals of Education	3 hrs.	
Supervised Teaching	8 hrs.	
		128 hrs.

Nearly all teachers must teach two or more different subjects and for this reason it is suggested that students who are planning to teach should take two minors except in special curricula where it is impracticable to do so. All electives must meet the approval of the head of the major department and of the Registrar.

COURSES OF STUDY

The following numbering system is used.

Freshman Courses	100-193
Sophomore Courses	200-293
Junior Courses	300-393
Senior Courses	400-493

The College reserves the right to withdraw or to close courses the registration for which does not warrant opening or continuing.

Juniors and Seniors who take Freshman or Sophomore courses will receive reduced credit, except with the approval of the Dean and Registrar.

The College offers courses designed to meet the needs of various classes of students:

- (1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.
- (2) A four-year college course preparing persons as teachers of high school subjects in the fields of English, French, Social Sciences, Mathematics, Home Economics, Natural Sciences, Public School Music, Physical Education, Business Education, and Music Education.
- (3) A four-year professional college course.
- (4) A four-year course in Industrial Arts.
- (5) A four-year course in Business Administration.

PRE-MEDICAL COURSES

A four-year course in the Area of General Science preparing for the study of medicine is offered. This complies with the requirement of the American Medical Association for entrance into Class A medical schools requiring a degree for entrance. A student preparing to enter a specific medical school upon completion of three years of college study should select carefully with the aid of his adviser those courses designated by the medical college he plans to attend as required for entrance.

GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in History and Political Science and Sociology, and second majors or minors in Music and Romance Languages and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in a foreign language.

GENERAL CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P.Ed. 101—Orientation in P. Ed.	1 1/2	P.Ed. 102—Orientation in P. Ed.	1 1/2
Rom. Lang. 101	3	Rom. Lang. 102	3
(French or Spanish)		(French or Spanish)	
Elect. (from group below)	3	Elect. (from group below)	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Soc. 102—Prin. of Geography	3	Eng. 102—English Composition	3
Mus. 101—Public School Music	3	Fren. 101—Intermediate French	3
P.Ed. 112—Personal Hygiene	3	P.Ed. 102—Elementary French	3
Ed. 101—Arts & Crafts I	3	Hist. 102—World Civilization	3
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
P.Ed. 201—Recreational Activities	3 1/2	P.Ed. 202—Recreational Activities	3 1/2
Electives (from group below)	3-5	Electives (from group below)	3-5
Rom. Lang. 201	3	Rom. Lang. 202	3
(French or Spanish)		(French or Spanish)	
Hist. 202—U. S. History	3	Hist. 202—U. S. History	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Eng. 201—Public Spkng.	2	Eng. 204—Prob. of Voice Trng.	2
Chem. 201—General Chem.	4	Eng. 202—Children's Lit.	3
Mus. 271—Music Apprec.	2	Chem. 202—Gen. Chemistry	4
	15 3/4-17 1/2		15 3/4-17 1/2

DEPARTMENT OF BIOLOGY

- The principal objectives of the Department of Biology are:
1. To provide all students of the college with a general biological background necessary for the understanding of related subject-matter and for general intellectual development.
 2. To give basic training toward qualifying students to pursue certain technical work in technical and vocational fields based upon the biological sciences.
 3. To qualify major students to teach biology and general science subjects in the common schools of Kentucky and elsewhere.
 4. To prepare students for entrance into studies leading to higher degrees in the Biological Sciences, Dentistry, and Medicine.

It is recommended that majors include Organic Chemistry as one of their electives.

CURRICULUM FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Intermediate French	3	Fren. 102—Elementary French	3
Hist. 102—World Civilization	3	Hist. 102—World Civilization	3
P.Ed. 101—Orientation in P. Ed.	1 1/2	P.Ed. 102—Orientation in P. Ed.	1 1/2
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
			17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Biol. 211—Genetics	3	Biol. 212—General Botany	3
Educ. 203—General Psychology	3 1/2	Educ. 222—Human Dev. and Psych. II	3
P.Ed. 201—Recreational Activities	1/2	P.Ed. 202—Recreational Activities	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301—Physiology or Histology	4	Biol. 302—Bacteriology or Invertebrate Zoology	3
Biol. 305—Microtechniques and Electives	4	Biol. 306—Embryology	4
Soc. 201—Intro. Social Sciences	3	Soc. 201—Intro. Social Sciences	3
Ed. 452—Fund. of Sec. Educa.	3	Sci. 212—General Physics	3-4
Sci. 211—General Physics	4	Electives	3-4
	17-18		17-18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
P.Ed. 221—Health & Safety Education	2	Ed. 412—Admin. Public Schools	3
Econ. 211—Economics	3	Ed. 410—Methods of Tchg. Science	3
Soc. 305—Contemporary Social Problems	3	Ed. 400—Supervised Teaching	8
Biology	2	Biol. 410—Special Problems	1-2
Electives	6		
	16		15-16

COURSE DESCRIPTION

BIOLOGY 101. Life Science.—A comprehensive general consideration of the fundamental organization of living things, their structure and function in relation to the interacting factors of the external and internal environments. A survey of the living world of animal and plant organisms with special attention to representative types and relationships. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

BIOLOGY 102. Life Science.—Continuation of Biology 101. Study of basic biological principles and problems in relation to the requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, et cetera, and improvement of man and his surroundings. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: Biology 101. Credit 3 hours.

BIOLOGY 103. Life Science.—Studies and observations on the morphology, life processes, ecology and systematic arrangement of invertebrate animals and their role in the economy of man; discussions of the fundamental principles involved. Two hours lecture; four hours laboratory per week. Credit 4 hours.

BIOLOGY 104. Life Science.—Continuation of Biology 103. Emphasis on the morphology, physiology and life processes of arthropods and vertebrate animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103. Credit 4 hours.

BIOLOGY 211. Genetics.—Study and discussion of the laws and principles of heredity and variation as they relate to plants and animals with special reference to their application in the service of mankind. Evaluation of the observational, experimental, biometrical, cytological and embryological methods of approach. Two hours lecture and demonstrations; two hours laboratory per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 212. General Botany.—Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

BIOLOGY 301-A. General Human Physiology.—General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs, and systems in relation to each other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials, and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisite: Biology 103-104 and Chemistry 101-102; Physics 211-212 is recommended. Credit 4 hours.

BIOLOGY 301-B. General Human Physiology.—An introduction to human physiology, emphasizing the functional aspects of digestive, circulatory, respiratory, excretory, neuro-muscular, endocrine and reproductive mechanisms of the human body. Two hours lecture and discussion; two hours laboratory and demonstrations per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 302. General Bacteriology.—A presentation of the fundamentals of modern microbiology, particularly the morphology, classification, distribution, cultivation and observation, physiology, and environmental relations of bacteria, yeasts, molds and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: Biology 103-104, Chemistry 101-102. Credit 3 hours.

BIOLOGY 303. Comparative Vertebrate Anatomy.—A consideration of the relationships of chordate groups; the structure and significance of various organs and systems of typical vertebrates, along with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 304. Vertebrate Embryology.—A study of the developmental stages of the higher vertebrates, from fertilization to the adult form. The laboratory work consists of a study of various embryonic stages of the chick and pig. Two hours of lectures; four hours of laboratory work per week. Prerequisites: Biology 103-104. Credit four semester hours.

BIOLOGY 305. Microtechnique and Histology.—Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy, and theory of techniques and microscopic methods. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103-104 and Chemistry 101-102. Credit 4 hours.

BIOLOGY 306. Invertebrate Zoology.—A study of the structure, life histories, and classification of selected groups from the major division of the invertebrates. One hour lecture; four hours reports and laboratory work. Prerequisites: Biology 103-104. Credit 3 hours.

BIOLOGY 311. Human Anatomy.—Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 401. General Entomology.—A study of the basic structure, physiology, classification and relationships of insects; discussion of the principles of behavior, sonification, specialization, meta-

morphosis, and development. Attention is given both injurious and beneficial insects. Two hours lecture; four hours laboratory and field work per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 410. Special Problems in Biology.—A course in which advanced major students in biology who show exceptional capability and interest in the field are permitted, under direction of the major professor, to pursue an investigation. Arranged. Credit 1 or 2 hours each semester.

DEPARTMENT OF BUSINESS AND ECONOMICS

The Department of Business and Economics offers curricula leading to the Bachelor of Science Degree with major emphasis in Business Administration, Business Education and Secretarial Science.

BUSINESS ADMINISTRATION CURRICULUM REQUIREMENTS

The objectives of the curriculum are: (A) To provide training in those phases of business that concern every member of organized society; (B) To provide students with a knowledge and understanding of the changing and developing character of our economic society and the responsibility incumbent upon educated men and women engaged in economic activity; (C) To provide training in methods, techniques, and principles underlying modern business as a foundation for business careers in industry, government, and as business owners and operators.

All students pursuing this program are required to follow a common schedule during the freshman and sophomore years. At the beginning of the junior year, each student shall select one of the two options in the curriculum: Accounting or Economics. A student must complete five courses, including internship, in the option chosen.

BUSINESS EDUCATION CURRICULUM REQUIREMENTS

This curriculum is designed to prepare students for the teaching of bookkeeping, basic business practices, or general or social business subjects; office machines, office procedures, stenography, and typewriting on the junior high and senior high school levels.

Students who successfully pass a proficiency examination in S. S. 101 and/or S. S. 211, given on the first day of classes, will be exempted from these courses without credit and permitted to enroll in S. S. 102 and/or S. S. 212 for credit. Students electing S. S. 102 and S. S. 212 in the first semester shall be required to elect at least five credit hours in other secretarial science courses.

SECRETARIAL SCIENCE CURRICULUM REQUIREMENTS

This curriculum is planned for the training of persons qualified to handle secretarial and office management positions of some responsibility, including those of office supervisor, administrative secretary, and executive secretary.

Requirements for S. S. 101, 102, 211 and 212 are the same as those listed under the Business Education curriculum.

CURRICULUM IN BUSINESS ADMINISTRATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition.....	3	Eng. 102—English Composition.....	3
Hist. 101—World Civilization.....	3	Hist. 102—World Civilization.....	3
Ed. 100—Orientation	0	Ed. 100A—Social Life	1
Biol. 101—Life Science	3	Biol. 102—Life Science	3
*S.S. 101—Elementary Typewrit- ing	2	P.Ed. 221—Health and Safety Ed.	2
B.A. 111—Business Mathematics.	3	B.A. 112—Business Mathematics.	3
B.A. 121—Intro. to Business	3	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
	<u>17 1/2</u>		<u>15 1/2</u>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature.....	3	Eng. 212—Intro. to Literature.....	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. Social Science	3
Econ. 211—Principles of Economics 3		Econ. 212—Principles of Economics 3	
B.A. 261—Principles of Accounting	4	B.A. 262—Principles of Accounting	4
P.Ed. 201—Recreational Activities	1/2	P.Ed. 202—Recreational Activities	1/2
	<u>16 1/2</u>		<u>16 1/2</u>

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
P.S. 311—National Government	3	Ed. 203—General Psychology	3
Econ. 311—Business Statistics	3	Ed. 204—Business English	3
B.A. 321—Business Law	3	Econ. 312—Business Statistics	3
S.S. 325—Office Machines	2	B.A. 322—Business Law	3
B.A. 351—Principles of Marketing 3		B.A. 333—Personnel Administration	3
B.A. 361—Intermediate Accounting	3	Business Elective	3
	<u>17</u>		<u>18</u>

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
B.A. 323—Business Organization.	3	Econ. 411—Money and Banking ...	3
Econ. 324—Labor Problems	3	B.A. 452—Principles of Real Estate	3
B.A. 454—Principles of Insurance 3		B.A. 456—Corporation Finance	3
Business Electives	6	B.A. 490—Internship	3-6
	<u>15</u>		<u>12-15</u>

*Students who can pass an examination (demonstration) given on the first day of class will be placed in S.S. 102.

CURRICULUM IN BUSINESS EDUCATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition.....	3	Eng. 102—English Composition.....	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization.....	3	Hist. 102—World Civilization.....	3
*S.S. 101—Elementary Typewriting	2	S.S. 102—Intermediate Typewriting	2
B.A. 111—Business Mathematics.	3	B.A. 112—Business Mathematics.	3
Ed. 100—Freshman Orientation.	0	Ed. 100A—Social Life	1
P.Ed. 221—Health & Safety Ed.	2	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
			<u>15 1/2</u>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature.....	3	Eng. 212—Intro. to Literature.....	3
B.A. 261—Principles of Accounting	4	B.A. 262—Principles of Accounting	4
S.S. 201—Advanced Typewriting 2		B.A. 211—Elementary Stenography	3
S.S. 211—Elementary Stenography	3	S.S. 212—Elementary Stenography	3
Soc. 201—Intro. to Social Science 3		Soc. 202—Intro. to Social Science 3	
P.Ed. 201—Recreational Activities	1/2	P.Ed. 202—Recreational Activities	1/2
		S.S. 324—Filing	1
			<u>16 1/2</u>

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Econ. 211—Principles of Economics 3		Econ. 212—Principles of Economics 3	
S.S. 311—Dictation & Transcription	3	B.A. 322—Business English	3
B.A. 321—Business Law	3	B.Ed. 203—General Psychology	3
S.S. 322—Business Law	3	B.Ed. 360—Prin. of Business Ed.	3
B.A. 331—Personnel Administration	3	Ed. 452—Fund. of Secondary Ed.	3
			<u>17</u>
			<u>18</u>

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Ed. 222—Human Development and Psychology II.	3	B. Ed. 402—Methods & Materials in Business Education 4	
Sci. 201—Intro. to Physical Sci. 3		Ed. 400—Supervised Teaching 8	
B.Ed. 442—Office Management	3	Ed. 412—Admin. P.S.	3
S.S. 421—Secretarial Practice	3		
Elective	3		<u>15</u>

* Students who successfully pass a proficiency examination in S.S. 101 and/or S.S. 211, given on the first day of classes, will be exempted from these courses and permitted to enroll in S.S. and/or S.S. 212.

CURRICULUM IN SECRETARIAL SCIENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
B.A. 111—Business Mathematics	3	B.A. 112—Business Mathematics	3
*S.S. 101—Elementary Typewriting	2	S.S. 102—Intermediate Typewriting	2
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P.Ed. 221—Health & Safety Educ.	2	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
	<hr/> <i>16 1/2</i>		<hr/> <i>15 1/2</i>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
B.A. 261—Principles of Accounting	4	B.A. 262—Principles of Accounting	4
*S.S. 201—Elementary Typewriting	2	S.S. 212—Elementary Stenography	3
S.S. 324—Filing	1	Soc. 202—Intro. to Social Sciences	3
Soc. 201—Intro. to Social Sciences	3	B.A. 121—Intro. to Business Sciences	3
P.Ed. 201—Recreational Activities	1/2	P.Ed. 202—Recreational Activities	1/2
	<hr/> <i>16 1/2</i>		<hr/> <i>16 1/2</i>

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
S.S. 311—Dictation & Transcription	3	B.A. 333—Personnel Administration	3
Econ. 211—Principles of Economics	3	Econ. 212—Principles of Economics	3
B.A. 321—Business Law	3	B.A. 322—Business Law	3
B.A. 323—Business Organ. & Mgmt.	3	B.Ed. 204—Business English	3
S.S. 325—Office Machines	2	Optional Business Elective	(3)
	<hr/> <i>17</i>		<hr/> <i>15-18</i>

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 201—Public Speaking	2	S.S. 422—Secretarial Office Internship	6
P.S. 311—American Government	3	B.Ed. 442—Office Management	3
Soc. 401—Social Psychology	3	Electives	
Econ. 411—Money and Banking	3		
B.Ed. 415—Business Ethics	3		
S.S. 421—Secretarial Practice	3		
	<hr/> <i>17</i>		<hr/> <i>15</i>

* Students who successfully pass a proficiency examination in S.S. 101 and/or S.S. 211, given on the first day of classes, will be exempted from these courses and permitted to enroll in S.S. 102 and/or S.S. 212.

COURSE DESCRIPTIONS

ACCOUNTING

BUSINESS ADMINISTRATION 261. Principles of Accounting. A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Three lectures and three laboratory periods each week. Credit 4 hours.

BUSINESS ADMINISTRATION 262. Principles of Accounting. In this course the student is acquainted with accounting fundamentals in handling investments, manufacturing operations, and analyzing financial statements. Prerequisite: B. A. 261. Credit 4 hours.

BUSINESS ADMINISTRATION 361. Intermediate Accounting. A study of the trends in accounting practice, an analysis of financial statements, and an analysis of partnership and corporation accounting. Prerequisite: B. A. 262. Credit 3 hours.

BUSINESS ADMINISTRATION 362. Intermediate Accounting. A continuation of the analysis of financial statements; includes investments, fixed assets, source and application of funds, income determinants and liabilities. Prerequisite: B. A. 361. Credit 3 hours.

BUSINESS ADMINISTRATION 461. Governmental Accounting. A study of budgetary controls, systems, theories and an application of the principles of fund accounting and reporting for governmental units. Prerequisite: B. A. 361. Credit 3 hours.

BUSINESS ADMINISTRATION 462. Federal Income Taxation. Interpretation of federal income tax laws. Rules and regulations applicable to individual, estate and trust. Attention is given to court decisions and internal revenue procedures. Prerequisite: B. A. 361. Credit 3 hours.

BUSINESS ADMINISTRATION 463. Advanced Federal Income Tax Procedures. Interpretation of federal income tax laws. Rules and regulations applicable to partnerships, corporations, reorganizations, fiduciaries, and gift. Attention is given to research in federal income taxation, court decisions, and internal revenue procedures. Prerequisite: B. A. 462. Credit three hours.

BUSINESS ADMINISTRATION 481. Cost Accounting. A study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs: material, labor, and overhead. Prerequisite: B. A. 361. Credit 3 hours.

BUSINESS ADMINISTRATION 482. Auditing. A study of auditing to include the history, scope of service, ethics and responsibilities. Auditing techniques and procedures used in independent audits

are discussed and applied to a continuous practice problem. Consideration is given to the types, limitations and contents of audit working papers, audit reports as prepared by the independent audit. Prerequisite: 362. Credit 3 hours.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION 111-112. Business Mathematics. The development of arithmetic skills and the application of these to business problems including mark-up, insurance, partnership and corporation problems, sinking funds, interest, present values and annuities. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 121. Introduction to Business. A study of the fundamental principles of business organization, finance, banking, credit management, salesmanship, and advertising. Required of all business majors and prerequisite to all business courses. Credit 3 hours.

BUSINESS ADMINISTRATION 321-322. Business Law. A study of the legal aspects of business relating to contracts, agency, negotiable instruments, organization, real and personal property, and the application of legal theories to cases. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 323. Business Organization and Management. The purpose of this course is to give the student a working knowledge of fundamental principles underlying the management of business enterprises. The student is acquainted with methods of identifying and evaluating the influence upon a business enterprise, and then given a comprehensive view of modern practices of planning, supervision, organizing and controlling various functional activities. Prerequisite: B. A. 121. Credit 3 hours.

BUSINESS ADMINISTRATION 333. Personnel Administration. An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns. Prerequisite: B. A. 323. Credit 3 hours.

BUSINESS ADMINISTRATION 351. Principles of Marketing. Study of the movement of goods from producers to consumers and an examination of the functions of the marketing process, marketing institutions, channels of distribution, legal aspects and policy considerations. Prerequisite: B. A. 323. Credit 3 hours.

BUSINESS ADMINISTRATION 352. Principles of Advertising. The role of advertising in the modern marketing process with some practice in the preparation of copy for various media. Credit 3 hours.

BUSINESS ADMINISTRATION 451. Principles of Salesmanship. Basic principles involved in the selling process. Credit 3 hours.

BUSINESS ADMINISTRATION 452. Principles of Real Estate. A study of real estate economics, including the real estate business contract, financing, real estate law and valuation. Prerequisite: B. A. 322. Credit 3 hours.

BUSINESS ADMINISTRATION 453. Principles of Retailing. This course is designed to acquaint the student with such fundamentals of buying, sales promotion, pricing, control and store finance of various retail enterprises, and how they operate to serve both consumer and producer of commodities. Prerequisite: B. A. 351. Credit 3 hours.

BUSINESS ADMINISTRATION 454. Principles of Insurance. A survey of the backgrounds, vocabulary, principles and practices of all forms of insurance. Attention is given to social insurance and to risk-bearing in the five principal kinds of commercial insurance (fire, casualty, marine, life, and corporate suretyship) and to their supervision by public authority. Prerequisite: junior standing. Credit, three hours.

BUSINESS ADMINISTRATION 456. Corporate Finance. An examination of the principles of financing capital and securities for business organizations. Credit 3 hours.

BUSINESS ADMINISTRATION 490. Business Internship. Work experience under college supervision. Senior standing required.

BUSINESS EDUCATION

BUSINESS EDUCATION 204. Business English. A comprehensive treatment of the major principles of business communication, an analysis of the most widely used forms of business writing—the letter, the report, and the memorandum—and a discussion of the associated skills of dictation and reading. Prerequisite: English 102 and Secretarial Science 101 or its equivalent. Credit 2 hours.

BUSINESS EDUCATION 360. Principles of Business Education. Consideration of the problems and methods in teaching general business, bookkeeping, shorthand, typewriting, and related business subjects in junior and senior high schools. Credit 3 hours.

BUSINESS EDUCATION 402. Methods and Materials in Business Education. Applied instructional procedures with the use of supplementary materials, including audio visual aids, are taught for the teaching of typewriting, shorthand, secretarial procedures, general business and social business subjects, and office machines on the junior and senior high school levels. Ten class sessions per week for nine weeks. Prerequisite: Student must have completed all required courses in major field. Credit, 4 hours.

BUSINESS EDUCATION 415. Business Ethics. Emphasis is placed on proper office and business decorum arising out of inter-and intra-business relations. Credit 3 hours.

BUSINESS EDUCATION 442. Office Management. Problems involved in planning and directing the function of business and professional offices, including office building, layout, form construction, systems, management, and the preparation of office manuals. Credit 3 hours.

ECONOMICS

ECONOMICS 211. Principles of Economics I. This course introduces the student to the general field of Economics. It treats the background of our economy, production, a study of money and the banking system. Credit 3 hours.

ECONOMICS 212. Principles of Economics II. A continuation of Economics 211. This course includes a study of distribution theory, government finance, business fluctuations, labor problems and industrial relations, international trade, and various economic systems. Prerequisite: Economics 211. Credit 3 hours.

ECONOMICS 311-312. Business Statistics. The study of the theories and techniques of statistical methods applicable to economics and business and the development of tools necessary for decision-making as employed in research. Prerequisite: B. A. 112 and Economics 212. Credit 3 hours for each course.

ECONOMICS 324. Labor Problems. A study of the labor market and the labor movement. Among the labor problems studied are wage rates, unemployment, industrial accidents and workmen's compensation, and industrial disputes. Emphasis is placed on the relationship between the organized labor movement and other groups in our economy. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 325. Comparative Economic Systems. A study of the ideologies and functioning of Capitalism, Communism, Fascism, and Socialism. Emphasis is placed on the operation of basic economic institutions and the manner in which various economic principles and theories operate in each of the systems. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 401. Public Finance and Taxation. An examination of the collections and expenditures of public funds, and systems of taxation. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 411. Money and Banking I. A study of our monetary and banking systems. Emphasis is placed on the role of the Federal Reserve System. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 412. Money and Banking II. A continuation of Economics 411. Emphasis is placed on monetary theories, relationship of money to credit and prices, and current monetary problems. Prerequisite: Economics 411. Credit 3 hours.

ECONOMICS 422. Current Economics. An application of economic theories and principles to contemporary economic problems. Prerequisite: Economics 212. Credit 3 hours.

SECRETARIAL SCIENCE

SECRETARIAL SCIENCE 101. Elementary Typewriting. Proficiency in the use of the typewriter. The ability to produce simple letters, tables and manuscripts satisfactory in form, arrangement, and appearance. The ability to type forty words a minute for five minutes with a high degree of accuracy. Four class periods per week. Credit 2 hours.

SECRETARIAL SCIENCE 102. Intermediate Typewriting. Continuation of Secretarial Science 101 with emphasis on timed production of the forms required in Secretarial Science 101 with the addition of telegrams, memos, invoices, ruled tables, etc. The ability to type fifty words per minute for ten minutes with a high degree of accuracy. Four class periods per week. Prerequisite: Secretarial Science 101 or its equivalent. Credit 2 hours.

SECRETARIAL SCIENCE 201. Advanced Typewriting. Emphasis upon the production of all letter styles, stencils, programs, multiple carbons, legal documents, proofreading rough drafts, application letters and other forms. The ability to type sixty words per minute for ten minutes with a high degree of accuracy. Four class periods per week. Prerequisite: Secretarial Science 102 or its equivalent. Credit 2 hours.

SECRETARIAL SCIENCE 211. Elementary Stenography I. A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes. Ability to receive simple dictation at 80 words per minute on familiar material and to transcribe same with a high degree of accuracy. Credit 3 hours.

SECRETARIAL SCIENCE 212. Elementary Stenography II. Continuation of Secretarial Science 211. Emphasis upon speed and accuracy in dictation and transcription. Ability to receive dictation at the rate of 100 words per minute on simple new material with a high degree of accuracy in transcription. Prerequisite: S.S. 211 or its equivalent. Credit 3 hours.

SECRETARIAL SCIENCE 311. Dictation and Transcription. Development of minimum dictation speed of 120 words per minute for five minutes on new material. Prerequisite: Secretarial Science 212.

SECRETARIAL SCIENCE 324. Filing. Basic Principles of indexing, coding, and filing. Knowledge of the various systems with practice. Two class meetings per week. Credit 1 hour.

SECRETARIAL SCIENCE 325. Office Machines. Adding-listing, calculators, duplicating, voicewriting and other small machines. Prerequisite: B.A. 112. Credit 2 hours.

SECRETARIAL SCIENCE 421. *Secretarial Practice.* An integrated course combining the skills in shorthand and typewriting. Concerned with the taking of minutes, report writing, manuscripts, office style dictation and the solving of problems which arise in the office. Prerequisites: Secretarial Science 201 and 212. Credit 3 hours.

SECRETARIAL SCIENCE 422. *Secretarial Office Internship.* Work in business offices for approximately 15 hours per week for nine weeks. Prerequisite: the completion of all required courses in major field. Credit 6 hours.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers instruction in the fundamental facts and principles of chemical science for students:

- (1) Who plan graduate and professional studies.
- (2) Who plan careers in elementary and secondary teaching.
- (3) Who plan for positions in vocational and technical home economics and for medical and laboratory technicians.
- (4) The general student who is interested in the cultural aspects of Chemistry.
- (5) As a service to other departments of the college.

Students majoring or minoring in Chemistry must include Courses 101, 102, and 201 in the respective 24 or 18 hour requirement for majors and minors.

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 104—Life Science	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	4
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	1
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
P.Ed. 101—Orient. in Physical Educ.	½	P.Ed. 102—Orient. in Physical Educ.	½
	16½		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Educ. 203—General Psychology	3	Educ. 222—Human Devel. & Psych. II	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Math. 201—Plane Analytic Geometry	3	Chem. 202—Organic Chemistry	4
Chem. 201—Organic Chemistry	4	Chem. 204—Volumetric Analysis	0
Chem. 203—Gravimetric Analysis	0	P.Ed. 202—Recreational Activities	½
P.Ed. 201—Recreational Activities	½	Elective	3
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. Soc. Sci.	3	Soc. 202—Intro. Soc. Sci.	3
Fren. 201—Intro. French	3	Fren. 202—Intro. French	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Math. 203—Calculus	3	Math. 204—Calculus	3
Chem. 203—Gravimetric Analysis	4	Chem. 204—Volumetric Analysis	4
or		or	
Chem. 201—Organic Chemistry		Chem. 202—Organic Chemistry	
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 452—Fund. Sec. Ed.	3	Ed. 410NS—Methods of Tchg. Sci.	3
Elective	3	Chem. 401—Problems in Chem.	2
P.Ed. 221—Health & Safety	2	Ed. 400—Supervised Teaching	8
Chem. 305—Bio-Chemistry	4	Ed. 412—Admin. P. S.	3
or			
Chem. 307—Physical Chem.			
Econ. 211—Prin. of Econ.	3		
	15		16

COURSE DESCRIPTION

CHEMISTRY 101. General Chemistry. This course is devoted to giving the student a thorough acquaintance with the fundamental modes of thought of the chemist. The laws and theories of Chemistry are taken up essentially from the experimental standpoint. The course is built up around the laboratory work, which includes experiments performed by the individual student, illustrating the properties of certain nonmetallic elements and their compounds, the laws on which the atomic theory is based, properties of gases, liquids and solids, solutions, theory of ionization, laws of mass action. The laboratory work is supplemented by classroom work in which these topics are discussed. Lecture two hours per week; laboratory four hours per week. Credit 4 hours.

CHEMISTRY 102. General Chemistry. A continuation of Chemistry 101. The relations of the elements to each other are emphasized in connection with the periodic system. Qualitative analysis is introduced. The lecture and recitation include a study of solutions and balancing of equations. The laboratory work includes a study of the methods of separating and identifying the common metals and acid radicals. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 201. Organic Chemistry. Prerequisite: Chemistry 102. A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the relationship existing between the various groups of the aliphatic series of carbon compounds and their derivatives. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 202. Organic Chemistry. Prerequisite: Chemistry 201. A continuation of Chemistry 201, covering such topics as tautomerism, stereo-isomerism, the sugars, and the aromatic compounds. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 203. Gravimetric Analysis. A course dealing principally with gravimetric methods of analysis. Special emphasis is laid upon the physio-chemical principles. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 204. Volumetric Analysis. Prerequisite: Chemistry 203. This course deals with volumetric analysis, theory and practices; acidimetry-alkalimetry, oxidation-reduction, iodometry, study of indicators, and problems. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 302. Chemical Literature. This source has two main objectives; 1. to expose the student to contemporary Chemical Literature, 2. to acquaint the student with those methods and approaches which will enable him to search past records for needed information in the profession of Chemistry. Open to Juniors or Seniors. Credit 2 hours.

CHEMISTRY 305. Bio-Chemistry. Prerequisites: Chemistry 201 and 203. This course deals with the processes common to plants and animals. Such topics as the chemical processes in photosynthesis and respiration will be treated in detail. Adequate time and treatment will be given to a discussion of the various food groups, organic catalysts, digestion et cetera. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 307. Physical Chemistry. Elementary Physical Chemistry. Prerequisite: Permission of instructor. This course is devoted to a discussion of the fundamental principles of physical chemistry including such topics as the gas laws, Kinetic theory, solutions, ionization, colloids, rates of reactions, atomic structure and storage batteries. The laboratory work consists of experiments illustrative of the various laws and processes of physical chemistry. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 400. Advanced Inorganic Preparations. Prerequisite: Chemistry 204. This is mostly a laboratory course in which the student is required to use standard procedures for the preparation of pure inorganic compounds. Lecture one hour; laboratory six hours. Credit 4 hours.

CHEMISTRY 401. Problems in Chemistry. This course has some special study of interest for its purpose. Open to Juniors and Seniors who might qualify and who show promise in the field. Credit 4 to 6 hours.

PHYSICAL SCIENCES

SCIENCE 201-202. *Introduction to Physical Sciences.* A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit 3 hours for each course.

DEPARTMENT OF EDUCATION— PSYCHOLOGY

The courses and curricula of the Department of Education and Psychology are designed with the following objectives in view:

1. To provide the general student as well as the prospective teacher:
 - (a) a knowledge of the process of human growth and development,
 - (b) an understanding of the educational process to which he is being subjected,
 - (c) an appreciation of education as a fundamental social institution,
 - (d) a knowledge of the requirements in the Commonwealth of Kentucky for obtaining teachers' certificates for the elementary and secondary levels and for supervisory and administrative posts.
2. To develop an understanding of the organization, support and functions of schools in a democracy.
3. To equip the student planning to teach to create the climate for and to utilize the skills necessary to the direction of learning of elementary or secondary pupils.

ADMISSION TO TEACHER EDUCATION

The following requirements shall apply to any student who is planning to qualify to teach on the elementary or secondary level.

1. Each student is required to file with the Committee on Teacher Education an application for admission to teacher education, on the official form provided, no later than the end of the sophomore year; his application must be accompanied by personal data in the form of an autobiographical sketch of at least two pages in his own handwriting.

The Committee on Teacher Education encourages each student to make a searching comparison of himself to the following "Image of a Prospective Teacher."

An alert, resourceful person of good moral character who exemplifies the following basic traits: (1) a strong desire to learn, (2) a strong desire to become a good teacher, (3) faith in human beings, (4) a genuine interest in people, especially young people, (5) the ability to work well with others, (6) a saving sense of humor, (7) willingness to go beyond call of duty in hours of study and in school and community activities, and (8) willingness to be subjected to and to subject one's self to continuous critical appraisal.

2. The Committee will review each student's application and notify the applicant by letter that his application for admission to teacher education:
 - a. has been approved, subject to continued satisfactory progress; or
 - b. has been approved conditionally, subject to continued satisfactory progress, with the understanding that the minor deficiencies listed in the letter be corrected immediately; or
 - c. has been disapproved, with the suggestion that he apply at a later date when the major deficiencies listed in the letter have been corrected; or
 - d. has been disapproved, with referral for guidance concerning some other vocational choice.
4. Applicants who meet in full the following standards will be approved for admission to teacher education, subject to continued satisfactory progress.

- Standard 1. The applicant must have a minimum of 60 semester hours of college credit.
- Standard 2. Applicants must have an overall point average of 2.0 or above.
- Standard 3. The applicant must have credit for English 101 and English 102 with a grade of "C" or above in each course.
- Standard 4. The applicant must have a grade of "C" or above in each course taken in the Department of Education and Psychology.
- Standard 5. The applicant must attain a passing score on the 150 word K.S.C. Teacher Education Spelling Test.

5. Applicants may be admitted conditionally with the following minor deficiencies, subject to immediate correction and continued satisfactory progress:
 - a. An unsatisfactory autobiographical sketch.
 - b. A conditional score on the K.S.C. Teacher Education Spelling Test.
6. The Committee may withdraw a student from teacher education at any time based upon one or more of the following:
 - a. Unsatisfactory academic progress.
 - b. Disciplinary action by the college against the student because of conduct which would indicate character weaknesses of such a nature as to unfit him for the teaching profession.
 - c. Failure to remove deficiencies which were listed at the time of conditional admission to teacher education.
7. The student may withdraw officially from the teacher education program by proper written notice to the Committee.

ADMISSION TO SUPERVISED TEACHING

1. Each student who plans to qualify to teach on the elementary or secondary level is required to file with the Committee on Teacher Education an application for supervised teaching no later than the end of the junior year accompanied by a properly completed form on personal data. His application shall designate the specific nine weeks period during which he plans to do supervised teaching.
2. The applications of students from each department will be reviewed by the Committee, which for this purpose shall be enlarged to include on a temporary basis, if he is not already a member of the Committee, the head of the department concerned, who will thus make a sixth member while the applications from his department are being considered.
3. After review of the student's application the Committee will notify the applicant by letter that his application for admission to supervised teaching:
 - a. has been approved, subject to completion of all prerequisites and the attainment and maintenance of the required standard for admission at the time he is scheduled to enroll for the course in supervised teaching; or

- b. has been disapproved, with a statement of the reasons for disapproval.

4. Each applicant who meets in full the following standards will be approved for admission to supervised teaching, subject to the completion of all prerequisites and maintenance of the required standards at the time he is scheduled to enroll in the course in supervised teaching.

- Standard 1. The applicant must have a minimum of 90 semester hours of college credit.
- Standard 2. The applicant must have an overall point average of 2.2 or above.
- Standard 3. The applicant must have an average of 2.2 or above in his major courses.
- Standard 4. The applicant must have a grade of "C" or above in each professional course which is a prerequisite to student teaching.
- Standard 5. The applicant must have credit in English 211 and 212—Introduction to Literature with a grade of "C" or above in each course.
- Standard 6. The applicant must have the recommendation of his major department.
- Standard 7. The applicant must have the recommendation of the Department of Education and Psychology.
- Standard 8. The applicant must have clearance from the Dean of Students.
5. In the event a student, who has been approved for admission to supervised teaching, does not complete all prerequisites or maintain the required standards for admission at the time he is scheduled to enroll for the course in supervised teaching, his case shall be subject to review by the Committee before he is permitted to enroll for student teaching at a later date.

CURRICULUM IN ELEMENTARY EDUCATION FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Educ. 101—Arts and Crafts I	3	Educ. 102—Arts and Crafts II	3
Educ. 100—Orientation in P.Ed.	1½	Educ. 100A—Social Life	1½
P.Ed. 101—Freshman Orientation	0	P.Ed. 102—Orientation in P.Ed.	1½
	<hr/> <i>15½</i>		<hr/> <i>16½</i>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Phys. Sci.	3	Educ. 202—Fund. Elem. Educ.	4
Fren. 201—Intermed. French	3	Fren. 202—Intermed. French	3
Math. 113—Prin. Mathematics	3	Math. 114—Teachers' Arith.	3
Educ. 116—Manuscript Writing	1	Educ. 221—Human Dev. & Psy. I	3
Educ. 203—Gen. Psychology	3	P.Ed. 202—Rec. Activities	1 ^{1/2}
P.Ed. 201—Rec. Activities	1 ^{1/2}		
	16 ^{1/2}		16 ^{1/2}

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 201—Intro. to Soc. Science	3	Soc. 202—Intro. to Soc. Science	3
Eng. 202—Children's Literature	3	Soc. 211—Geog. of North America	3
Soc. 102—Prin. of Geography	3	Music 201—Public School Music	3
H.Ec. 305—Nutrition with Child	2	P.Ed. 222—Teaching of Reading	3
P.Ed. 141—Elem. School Rhythms	2	Educ. 212—Health in the Elem.	2
Elective	3	Eng. —Elective	3
	16		17

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Econ. 211—Prin. of Economics	3	Elective	4
Mus. 231—Music in Elem. Grades	3	Educ. 422—Prob. Tchg. in E. Sch.	3
Educ. 412—Adm. Public Schools	3	Educ. 400—Supervised Teaching	8
Educ. 423—Tchg. Sci. Elem. Sch.	3		
Elective	3		
	15		15

COURSE DESCRIPTION

EDUCATION 100. Freshman Orientation. Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. No credit. Required of all Freshmen.

EDUCATION 100A. Social Life. This course is concerned with the personal responsibility of the college student to himself and his family. Special attention is given to such topics as table etiquette, good grooming, dances and balls, telephone courtesy, etiquette in public, and other social usages. Credit 1 hour. Required of all Freshmen. (This course is offered by the Home Economics Staff).

EDUCATION 203. General Psychology. A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Credit 3 hours.

EDUCATION 204. Educational Psychology. An application of psychology to the problems of learning and teaching. Prerequisite: Education 203. Credit 3 hours.

EDUCATION 401. Tests and Measurements. Tests are studied and used with the aim of acquainting the prospective teacher with their use, purpose and comparative values. The philosophy underlying the measurement movement is developed and criticized. Prerequisite: Education 203, Education 221 or 222. Credit 3 hours.

EDUCATION 412. Administration of the Public Schools. The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Prerequisite: Junior standing. Credit 3 hours.

EDUCATION 424. Foundations of Education: Historical and Philosophical. An intensive study of the historical and philosophical factors which have contributed to the development of present day education. Prerequisite: Senior standing and Education 221 or 222 and Education 412. Credit 3 hours.

EDUCATION 432. Problems in Modern Education. Special projects in modern education. This course may be substituted for either of the courses in Supervised Teaching by mature students who have three or more years of teaching experience in approved elementary or secondary schools. Credit 2-8 hours.

EDUCATION 440. Educational Statistics. An application of statistical and graphical methods of educational data. Prerequisite: Consent of instructor.

EDUCATION 442. Audio-Visual Education. "Instructional Materials". Offers an opportunity for students to understand the relevancy of instructional media to curriculum and pupil needs and affords training in operating equipment. Credit 1 hour.

ELEMENTARY EDUCATION

ART EDUCATION 101. Arts & Crafts I. A practical course involving the use of tools and various materials suitable for classroom use. Art is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Credit 3 hours.

ART EDUCATION 102. Arts & Crafts II. The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory

and application, laws of design and their application, and picture study will be stressed. As a part of the development of their various problems in poster making, book covers, color arrangement, etc., the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Credit 3 hours.

EDUCATION 113. Penmanship for Teachers. One of the standard systems of writing is used as a guide to the attainment of a degree of writing efficiency as required for a teachers' certificate in penmanship. Credit 1 hour.

EDUCATION 116. Manuscript Writing. A course designed to acquaint teachers at the elementary level with a form of print writing suitable for use in the primary grades. Credit 1 hour.

EDUCATION 202. Fundamentals of Elementary Education. A basic course in elementary education: problems of school management; how to cultivate a constructive and harmonious attitude toward school-community relations; organizing materials for class work; modern methods of teaching elementary subjects. The state course of study is a constant supplement to the chosen text. Credit 4 hours.

EDUCATION 212. Teaching of Reading. A method course designed to point out the knowledge and skills necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Prerequisite: Education 202. Credit 3 hours.

EDUCATION 221. Human Development and Psychology I. This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the educative process, and personality. Students are taught how to observe and to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life, through first hand study of children. Prerequisite: 203. Credit 3 hours.

EDUCATION 400E. Supervised Teaching in Elementary Schools. Admission to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 4-9 hours.

EDUCATION 422. Problems of Teaching in Elementary Education. The following topics will be considered: Ways of discovering teaching problems; effective ways and means of discovering suitable materials for working on problems; ways of using teaching mate-

rials; techniques of evaluating growth; special problems of the rural community; the use of community agencies as they are related to the improvement of teaching; actual experiences in observing and working with children in the laboratory school. Prerequisite: Senior standing in Elementary Education curriculum. Credit 3 hours.

EDUCATION 423. Teaching Science in the Elementary Grades. Methods of teaching basic scientific facts and the role of science in modern day living. Prerequisite: Senior standing in Elementary Education curriculum. Credit 3 hours.

SECONDARY EDUCATION

EDUCATION 222. Human Development and Psychology II. This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the techniques of working with adolescents, study of the technique of analyzing the needs of adolescents, adolescents relationships with others, and actual experience in observing and working with adolescents. Prerequisite: Education 203. Credit 3 hours.

EDUCATION 302. Vocational Education. A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky. Prerequisite: Education 222. Credit 3 hours.

EDUCATION 321. Principles of Secondary Education. The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Prerequisite: Junior Standing. Credit 2 hours.

EDUCATION 400-H.S. Supervised Teaching in High School. Admission to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 9 hours.

EDUCATION 410. Methods of Teaching High School Subjects. This course is divided into sections 410 E (English), 410 RL (Roman Language), 410 HE (Home Economics), 410 IA (Industrial Arts), 410 M (Mathematics), 410 NS (Natural Science), as listed below. For each of the sections except 410 HE, the prerequisites are Education 412, 452 and consent of the major adviser. Education 452 is not a prerequisite to section 410 HE (Home Economics).

EDUCATION 410-E. Methods of Teaching English. Credit 3 hours.

EDUCATION 410-F. Methods of Teaching French. Credit 3 hours.

EDUCATION 410-H.E. *Methods of Teaching Home Economics.*
Credit 3 hours.

EDUCATION 410-I.A. *Methods of Teaching Industrial Arts*
Credit 3 hours.

EDUCATION 410-M. *Methods of Teaching Mathematics.* Credit
3 hours.

EDUCATION 410-N. S. *Methods of Teaching Natural Sciences.*
Credit 3 hours.

EDUCATION 410-S.S. *Methods of Teaching Social Sciences.* Credit,
3 hours.

EDUCATION 452. *Fundamentals of Secondary Education.* This
course provides a graduated preparation for supervised teaching on
the secondary level. Study and practice are provided in organizing
materials for class work as the prospective student-teacher is ac-
quainted with general methods of high school instruction. Pre-
requisite: Education 222 and Junior standing. Credit 3 hours.

DEPARTMENT OF ENGLISH

OBJECTIVES:

1. To equip all students of the College with proficiency in the fundamentals of written and spoken English and with appreciation for the power and beauty of creative literature.
2. To foster inter-departmental cooperation in a continuing program for the cultivation of good language habits among students.
3. To train prospective teachers of English and to inculcate in them a curiosity about the problems of the profession and an interest in the journals that treat of these problems.
4. To help students majoring in English lay the foundation for advanced study.

MAJOR

PROGRAM: The Department of English offers courses leading to the Bachelor of Arts degree in English. In addition to Freshman and Sophomore English courses (Eng. 101, 102; Eng. 201; Eng. 211, 212), majors in English should complete a minimum of twenty (20) semester hours in courses above the Sophomore level, including Eng. 410, 411, 322, 323, and 324. A total of thirty-six (36) semester hours constitute an English major. The course in English Methods may not count toward the major.

MINOR

PROGRAM: A minor program in English consists of twenty-four (24) semester hours.

NOTE: (1) All students who major or minor in English must have the approval of the head of the Department.
(2) All students are required to earn "C" or above in Eng. 101, 102.

CURRICULUM
FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp.	3	Eng. 102—English Comp.	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orient.	0	Ed. 100A—Social Life	1
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
P.Ed. 101—Orient. in P.Ed.	1/2	P.Ed. 102—Orient. in P.Ed.	1/2
General Elective	3	General Elective	3
	15 1/2		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature....	3	Eng. 212—Intro. Literature....	3
Soc. 201—Intro. Soc. Sci.	3	Soc. 202—Intro. Soc. Sci.	3
Sci. 201—Intro. Physical Sci.	3	Sci. 202—Intro. Physical Sci.	3
Ed. 203—General Psychology	3	Fren. 202—Inter. French	3
Fren. 201—Inter. French	3	Ed. 222—Human Dev. & Psy.	3
Eng. 201—Public Speaking	2	P.Ed. 202—Recreational Act.	1/2
	17 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 301—Romanticism	3	Eng. 324—Survey of Amer. Lit....	3
Eng. 322—Survey of Eng. Lit.	3	Eng. 323—Survey of Eng. Lit.	3
Econ. 211—Prin. Economics	3	P.Ed. 211—Hlth. & Safety	2
Elective—2nd Major or Minor	7	Ed. 452—Fund. Sec. Ed.	3
	16	Elective—2nd Major or Minor	4
			15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 411—Shakespeare	3	Ed. 410—English Methods	3
Soc. 305—Contemporary Social Problems	3	Ed. 412—Admin. P.S.	3
English Elective	3	Elective	1-2
Electives—2nd Major or Minor	6	Ed. 400—Supervised Tchg.	8
Eng. 410—Adv. Amer. Grammar.	3		
	18		15-16

COURSE DESCRIPTION

ENGLISH 100. Remedial English. A non-credit course required of all freshmen who fail to earn an acceptable mark on the English placement test. May be required in whole or in part of any student who fails to maintain a satisfactory standard in English 101.

ENGLISH 101. English Composition and Rhetoric. Required of all students who have earned acceptable marks on the English placement test. Emphasis is placed on command of the fundamentals of language that will be adequate for the writing of clear and effective sentences and paragraphs in standard English. Pre-

requisite: a passing grade on the English placement test or in English 100. Credit 3 hours.

ENGLISH 102. English Composition and Rhetoric. Continuation of English 101, with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper. Prerequisite: English 101. Credit 3 hours.

ENGLISH 201. Public Speaking. Consideration of individual difficulties in speech, the development of effective speech in everyday discourse, composition of speeches and practice in delivery. Prerequisite: English 101 and 102. Credit 2 hours.

ENGLISH 202. Children's Literature. A study of the literature which is especially suitable for use in the elementary grades. Considerable emphasis is placed upon the technique of presenting this literature to younger children. Prerequisite: English 101 and 102. Credit 3 hours.

ENGLISH 203. Advanced Composition. A course open to students who desire further improvement in diction, sentence structure and sentence variety, and the preparation of descriptive, expository, and narrative papers. Prerequisite: English 101 and 102. Credit 3 hours.

ENGLISH 211. Introduction to Literature. An introduction to the understanding and enjoyment of the types of literature; fiction, drama, poetry, essays. Prerequisite: English 101-102. Required of all Sophomores. Credit 3 hours.

ENGLISH 212. Introduction to Literature. Continuation of English 211, with increased emphasis upon the reading of certain book-length masterpieces that are representatives of the types studied in the preceding course. Prerequisite: English 101, 102, and 211. Required of all Sophomores. Credit 3 hours.

ENGLISH 232. World Literature. Designed to familiarize the student with the literature of other lands and peoples and to foster a deeper understanding of foreign cultures through this literature. Prerequisite: English 101 and 102; English 211 or 212. Credit 3 hours.

ENGLISH 301. Romanticism. The principles and ideas of Romanticism as expressed in the chief English writers of poetry and prose from 1798 to 1832. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 303. Victorian Literature. The works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 313. Milton. A study of the minor and major poems of John Milton. Offered in alternate years. Prerequisite: English 211, 212. Credit 3 hours.

ENGLISH 321. Public Discussion and Debate. Designed to give the student experience in the techniques of argument and discussion. Offered in alternate years. Prerequisite: English 211, 212. Credit 3 hours.

ENGLISH 322. The Foundations of English Literature. Major works by British authors from the beginning to the end of the Neo-Classical Period and a consideration of the critical, intellectual, and historical background of each literary period. Prerequisite: English 211, 212. Required of all students majoring in English. Credit 3 hours.

ENGLISH 323. English Literature from the Age of Johnson to the Twentieth Century. Continuation of English 322. Major works from the middle of the Eighteenth Century to the contemporary period. Same emphasis as in the preceding course. Prerequisite: English 211, 212. Required of students majoring in English. Credit 3 hours.

ENGLISH 324. Survey of American Literature. A chronological study of the major American writers, with due emphasis upon political, social, and literary movements and tendencies. Prerequisite: English 211, 212. Required of students majoring in English. Credit 3 hours.

ENGLISH 331. Dramatic Interpretation and Acting. Appreciation, interpretative reading, and acting of scenes from plays representative of the various forms of drama. Especially recommended for those who plan to teach English. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 332. Journalism. Theoretical and practical work in gathering, organizing and writing news. Discussion and critical evaluation of current journalistic techniques. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 341. The English Novel. The study of a few representative novels by English writers from the time of Defoe to the contemporary period. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 342. Stage Craft. Practical study of the planning, designing, and construction of stage setting, lighting equipment, and properties; and a study of the making of costumes. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 352. Contemporary Literature. A study of the prose and poetry of England and America since 1900. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 410. Advanced American Grammar. A linguistic interpretation of the growth of English grammar in America. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 411. Shakespeare. Analytic study of ten of Shakespeare's principal plays, with some emphasis upon the Elizabethan background. Required of students majoring in English. Prerequisite: English 211, 212. Credit 3 hours.

ENGLISH 412. History of the English Language. The major facts concerning the place of English among the languages of the world and the history of its development from the beginning to the present time. Prerequisite: English 211 and 212. Credit 3 hours.

ENGLISH 421. Play Directing. Study and practice in the theory and problems of stage directing. Prerequisite: English 331 or 342. Offered in alternate years. Credit 3 hours.

ENGLISH 432. History of the Theatre. Designed to give the student a knowledge of dramatic history in relation to the problems of staging — of the physical theatre and written drama. Offered in alternate years. Prerequisite: English 211 and 212. Credit 3 hours.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

The Department of History and Political Science aims to give the student a knowledge of:

1. The privileges and duties of citizenship.
2. The relationships among social, political, economic and intellectual forces in the modern world. Some of the principal events and personalities which have influenced the development of the western world.
3. The basic methods of historical research.

Majors in the Department must take World Civilization (Hist. 101-2) and United States History (Hist. 201-2) as prerequisites to upper class courses.

CURRICULUM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
P.Ed. 101—Orientation in P.Ed.	½	P.Ed. 102—Orientation in P.Ed.	½
Electives—	3	P.Ed. 221—Health & Safety	2
	<hr/> <i>15½</i>		<hr/> <i>15½</i>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phy. Sci.	3	Sci. 202—Intro. to Phy. Sci.	3
Educ. 203—General Psychology	3	Educ. 222—Human Dev. & Psych. II	3
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
P.Ed. 201—Recreational Activities	½	P.Ed. 202—Recreational Activities	½
	<hr/> <i>15½</i>		<hr/> <i>15½</i>

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
Pol. Sci. 311—American Government	3	Pol. Sci. 312—State Government	3
Hist. 321—English History	3	Hist. 322—English History	3
Educ. 452—Fund. Secondary	3	Electives —	8
Electives —	5		
	<hr/> <i>17</i>		<hr/> <i>17</i>

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
History —Elective	3	Educ. 410SS—Methods	3
Pol. Sci. 401—Political Theory	3	Elective	3
Econ. 211—Principles of Economics	3	Ed. 412—Admin. P.S.	3
Soc. 305—Contemporary Soc.	3	Ed. 400—Supervised Teaching..	8
Prob. —	3		
Elective —	3		
	<hr/> <i>15</i>		<hr/> <i>17</i>

COURSE DESCRIPTION

HISTORY 101-102. World Civilization. The typical literature, art, music, architecture, other fine arts, religions, and customs of various people and nations of the world. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 hours for each course.

HISTORY 201-202. United States History. The political, economic, and social development of the United States from the colonial period to the present. Credit 3 hours for each course.

HISTORY 203. History of Kentucky. A general survey of the social, economic, and political history of Kentucky; her influence in the development of American democracy; and her periods of leadership in the nation. Credit 3 hours.

HISTORY 301. Modern Europe. The course treats, generally, the political and cultural history of Europe from 1500 to 1870. Particular emphasis is placed upon the rise and the rivalry of national monarchies, the growth of democracy, and the unification of Italy and Germany. Credit 3 hours.

HISTORY 302. Modern Europe. This is a continuation of History 301, and deals with Europe since 1870. Special attention is given to diplomacy from 1870 to 1914; both world wars and their post-war problems; and contemporary developments affecting present-day Europe. Credit 3 hours.

HISTORY 321. English History. A survey of English history from pre-Roman times to the close of the Glorious Revolution with particular emphasis upon constitutional developments. Credit 3 hours.

HISTORY 322. English History. A continuation of History 321. The growth of British democracy and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 323—Constitutional History of the United States. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court with some attention to economic, political, and social forces which have influenced its development.

HISTORY 324. Hispanic American History. The colonial and republican periods in Hispanic America are surveyed with emphasis in the most recent period on the relation of these nations to the rest of the world.

HISTORY 405. Southern History. The course covers the economic, social, political and cultural life in the southern states from colonial times to the present. It examines carefully the progress and problems of the South today. Credit 3 hours.

HISTORY 408. *Recent United States History.* A careful examination — readings, discussions, reports, papers — of problems associated with such topics as the Great Depression, the New Deal, war and threats to peace, significant social change, and the politics of outer space.

HISTORY 411. *Europe Since 1914.* An intensive study of causes and consequences of World Wars I and II; an appraisal of agencies and plans for collective security; a thorough treatment of totalitarian states; examination of critical problems of the Cold War period; and an introduction to techniques of research. Oral and written reports are required. Credit 3 hours.

POLITICAL SCIENCE

POLITICAL SCIENCE 311. *National Government.* A survey of the structure and function of the national government of the United States stressing the evolutionary nature of our constitutional republic. Credit 3 hours.

POLITICAL SCIENCE 312. *State Government.* A survey of the structure and function of the state governments of the United States with emphasis upon Kentucky constitutional developments. Credit 3 hours.

POLITICAL SCIENCE 401. *Political Theory.* The course is an historical survey and analysis of political philosophy as it has found expression in the writings of the major theorists of the western world. Readings from Plato to Lenin are used to supplement the more purely descriptive content of the course. Credit 3 hours.

TIGHT BINDING



INTERCOLLEGIATE ACTIVITY

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, direct recreational programs for municipal parks, community centers, industrial concerns, YMCA, YWCA, and settlement houses.
2. To provide physical Education courses both required and elective for the students of Kentucky State College.
3. To provide opportunity for wholesome recreation for students and faculty.
4. To provide training for future use by those who plan to pursue careers in Physical Medicine . . . such as Physical Therapy, Corrective Therapy, Recreational Therapy, and Occupational Therapy.
5. To provide a sound foundation for graduate study in Health and Physical Education.

All students majoring in Health and Physical Education are urged to secure a minor or a major in another teaching area. Advice will be given as to areas of specialization and necessary adjustments in overall course requirements by the Head of the Department.

NOTE: Students majoring in Health and Physical Education will sign up for the regular required courses in Orientation and Recreational Activities. They will be assigned to special hours. The separate courses for the major student will satisfy his requirements in physical education and aid in the development of a wide variety of necessary skills and a high level of physical fitness.

REGULATIONS FOR UNIFORMS

Students enrolled in physical education activity courses are required to provide themselves with clothing listed below. This apparel may be secured at the College Bookstore. In addition, all majors in Health and Physical Education are required to purchase regulation uniforms governed by the activity.

MEN—One white "T" shirt, one pair of green shorts, athletic socks, one pair of gymnasium shoes, one pair of swimming trunks, one pair of locker room sandals, one athletic supporter.

WOMEN—One regulation gymnasium suit, athletic socks, one pair of gymnasium shoes, one swimming suit, one pair of locker room sandals, one swimming cap.

CURRICULUM
FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 102—Life Science	4	Biol. 104—Life Science	4
Ed. 100—Freshman Orient.	0	Ed. 100A—Social Life	1
P.Ed. 103—Orientation in P.Ed.	½	P.Ed. 104—Orientation in P.Ed.	½
P.Ed. 111—Intro. to P.Ed.	3	P.Ed. 221—Health & Safety Ed.	2
P.Ed. 105—Beginning Swimming	1	P.Ed. 106—Beginning Swimming	1
P.Ed. 141—Folk & Elem. Sch. Rhythms	2	Elective	2
	16½		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. Literature	3	Eng. 212—Intro. Literature	3
St. 201—Intro. Soc. Sci.	3	St. 202—Intro. Soc. Sci.	3
Sci. 201—Intro. Physical Sci.	3	Sci. 222—Human Development & Psy. II	3
Ed. 203—General Psychology	3		
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
P.Ed. 213—Tech. Modern Dance	1	P.Ed. 214—Tech. Modern Dance	1
P.Ed. 232—Intermediate Swim.	1	P.Ed. 204—Rec. Activities	½
P.Ed. 203—Rec. Activities	½	P.Ed. 324—Prev. & Care of Injuries	3
	17½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 452—Fund. of Sec. Ed.	3	P.Ed. 311—Human Anatomy	4
Biol. 301—Physiology	3	P.Ed. 421—Org. & Adm. of P.Ed.	3
P.Ed. 222—Hlth. Ed. in Elem. S.	2	P.Ed. 304—Coaching Techniques Track & Field	
P.Ed. 321—Org. & Adm. of Intramurals	3		
P.Ed. 323—Prin. of Phys. Ed.	2	P.Ed. 214—Baseball	2
P.Ed. 342—Practice	1	P.Ed. 401—Tests & Meas. in P.Ed.	3
Elective	3	P.Ed. 431—Mat. & Meth. Tchg.	3
	17		15

First Semester	Hours	Second Semester	Hours
P.Ed. 403—Coaching, Tech. Football and Basket-ball	2	Ed. 412—Admin. P.S.	3
P.Ed. 443—Org. & Adm. of Rec.	3	P.Ed. 402—Supervised Tchg.	8
Soc. 305—Contemporary Soc. Problems	3	Electives	4
Biology Elective	3		
	15		15

COURSE DESCRIPTION

PHYSICAL EDUCATION 101. (Men and Women). Orientation in Physical Education. An introduction to the seasonal major and minor activities for all entering Freshman students. An attempt to develop physical fitness and an appreciation for physical activity. Required of all Freshman students. Credit ½ hour.

PHYSICAL EDUCATION 102 (Men and Women). Orientation in Physical Education. The teaching of the fundamentals, skills, techniques, and rules of seasonal, major and minor sports. Required of all Freshman students. Credit ½ hour.

PHYSICAL EDUCATION 105-106. Beginning Swimming. This is a two-semester course designed to teach the student the basic skills in drownproofing, swimming strokes, beginning diving, artificial respiration and swimming physical conditioning. Open only to major students. Required of all majors. 1 hour credit each semester.

PHYSICAL EDUCATION 111. Introduction to Physical Education. Orientation of the professional student to the total program of Health, Physical Education, and Recreation. The history of physical education is included in this orientation. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 112. Principles of Health Education. In this course attention will be given to those basic facts and Principles of health and related disciplines which will aid the student in: 1) attaining satisfactory social and emotional adjustment; 2) maintaining and improving his own health; 3) developing a cooperative attitude in solving community health problems; and 4) training for the responsibilities of family life and citizenship.

PHYSICAL EDUCATION 141. Folk and Elementary School Rhythms. Instruction and experience in folk and square dance fundamentals suitable for use in the elementary, junior and senior high school. Basic fundamental rhythms for use in elementary schools are included within this course. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 201 (Men and Women). Recreational Activities. This course is designed to give an opportunity for the practice of fundamentals. Guidance is given to all Sophomores in the selection of activities for later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 202 (Men and Women). Advanced Technique. In this course special attention is given to form, strategy, technique and execution. An attempt is made to develop the highest possible skill in the activity so that the student can successfully participate in this activity in later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 213-214. Modern Dance. Open to those seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction. Required of Women Majors. Credit 1 hour each course.

PHYSICAL EDUCATION 221. Health and Safety Education. This course is designed to provide the basic facts and principles neces-

sary to the development of knowledge, habits, and attitudes for optimum individual, family, and community health and safety. Required of all Physical Education Majors. Credit 2 hours.

PHYSICAL EDUCATION 222. Health Education in Elementary Schools. To aid the student in the recognition of responsibility and of the opportunities for protecting and improving the health of the child by developing understandings and skills in: curriculum development; methods; and source materials in health education. Emphasis will be placed upon the integration of health teaching with other curriculum areas. Credit 2 hours.

PHYSICAL EDUCATION 232-233. Intermediate Swimming. This course is a continuation of the beginning swimming classes held the previous semester. The student will be taught the skills needed to pass the Red Cross Junior, Senior or Instructor Life-Saving examinations. Required of all majors. 1 hour credit per semester.

PHYSICAL EDUCATION 304. Coaching Techniques—Track, Field, and Baseball. This course is designed to acquaint the student with both theory and practice in the skills and techniques needed for successfully coaching a track team. Students will get practical work in the organization and conducting of a track and field meet. Credit 2 hours each course.

PHYSICAL EDUCATION 311. Human Anatomy. Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours laboratory per week. Required of all majors. Prerequisites: Biology 103-104. Credit 4 hours.

PHYSICAL EDUCATION 321. Organization and Administration of Intramural program. History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Credit 3 hours.

PHYSICAL EDUCATION 323. Principles of Physical Education. This course is a study of the foundation of the scientific principles of physical education. The principles evolve from the facts of anatomy, physiology, sociology, and psychology; the information, selection and evaluation of principles are considered in relation to education in general. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 324. Prevention and Care of Injuries. The principles of emergency action in case of accidents and special care of the injured are presented. Special attention is given to prevention and care of athletic injuries with laboratory experience in bandaging, splinting, artificial respiration, etc. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 331. Kinesiology. A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all majors. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 342. Physical Education Practice. The student is given an opportunity to engage in pre-directed teaching. The student is assigned to observe, participate, and teach in a classroom situation under the direction of the instructor for the course. The required service program courses are usually used for this purpose. Open to majors. Prerequisite: P.Ed. 431—Methods and Materials of Teaching Physical Education. Credit 3 hours.

PHYSICAL EDUCATION 401. Tests and Measurements. The theory of measurement in physical education including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 402. (Identical with Ed. 400) Observation and Supervised Teaching. Designed to give the student, through observation, participation, and classroom teaching, experience in the teaching of Physical Education and the development of classroom responsibilities. Credit 9 hours.

PHYSICAL EDUCATION 403. Coaching Techniques in Football and Basketball. Effective methods of coaching this sport with emphasis being put upon the latest systems. Credit 2 hours.

PHYSICAL EDUCATION 421. Organization and Administration of Health and Physical Education Program. A consideration of what should be included in a well balanced school health program. Special attention given to instructional courses, physical examinations, records, follow up, school lunch, environment and seating. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 431. Methods and Materials of Teaching Physical Education. This course includes an analysis of materials and methods suitable for the elementary, junior and senior high school levels. Teaching techniques, problems and details of organization and planning are considered. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 443. Organization of Playgrounds and Recreation. Details with city problems as related to play and recreation, city planning, powers and abilities, programs, leagues, tournaments, equipment and supplies, and public relations. Credit 3 hours.

CORRECTIVE THERAPY

Corrective Therapy Trainee Course. This course is offered in affiliation with the Veterans Administration Hospital, Louisville, Kentucky. This program has the certified approval of the Veteran's Administration Central Office, Washington, D. C.

This is an intensive six weeks course open to seniors or graduates of Kentucky State College with a major in Health and Physical Education. Those students who desire such may receive six hours credit upon successful completion of the course.

Students who wish to enter this specialized training should notify the Head of the Department of Health and Physical Education during their junior year as to their intentions.

Prerequisites: Kinesiology, Anatomy, and Physiology.

DEPARTMENT OF HOME ECONOMICS

The educational program of the Home Economics Department is planned to:

1. Help students become creative, effective individuals, and family members, and responsible citizens.
2. Provide training and experiences which will qualify persons to teach Vocational Home Economics.
3. Provide a minor in Home Economics for students in other major areas.
4. Provide service courses for students regularly enrolled in other programs.
5. Provide electives for non-majors interested in certain areas of homemaking.

In pursuit of these goals, current trends in social, economic, technological, and scientific developments greatly influence the nature of course offerings. All 100 courses are open to students in other major areas. Permission of instructor is required.

CURRICULUM

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours	
Biol.	103—Life Science	4	Biol.	104—Life Science	4
Eng.	101—English Composition	3	Eng.	102—English Composition	3
Hist.	101—World Civilization	3	Hist.	102—World Civilization	4
H.Ec.	100—Applied Art & Design	4	H.Ec.	104—Child Care & Develop	3
H.Ec.	101—Food Problems	3	H.Ec.	108—Textiles and Clothing	3
Educ.	100—Freshman Orientation	0	Educ.	100A—Social Life	1
P.Ed.	101—Orientation in P. Ed.	½	P.Ed.	102—Orientation in P. Ed.	½
		17½			18½

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours	
Chem.	101—General Chemistry	4	Chem.	102—General Chemistry	4
Eng.	211—Intro to Literature	3	Eng.	212—Intro. to Literature	3
H.Ec.	201—Meal Planning and Table Service	3	H.Ec.	204—Family Clothing	3
H.Ec.	205—Family Health & Care	2	H.Ec.	208—Housing Prob. & Pol.	3
Music	271—Music Appreciation	2	Music	272—Music Appreciation	2
Educ.	222—Human Dev. & Psych II	3	P.Ed.	202—Recreational Activities	½
P.Ed.	201—Recreational Activities	½			15½

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours	
Soc.	201—Intro to Soc. Sci.	3	Biol.	302—Bacteriology	3
H.Ec.	303—Household Equipment	3	H.Ec.	302—Nutrition & Dietaries	3
H.Ec.	307—Advanced Clothing	3	H.Ec.	304—Home Furnishings & Design	3
Econ.	211—Prin. of Economics	3	H.Ec.	308—Econ. Prob. of Family	3
Elective		3	H.Ec.	306—Family Relationship	4
				16	

SENIOR YEAR					
First Semester	Hours	Second Semester	Hours		
Soc. 305—Contemporary Soc.	3	Educ. 412—Adm. of Public Sch.	3		
Prereq.	3	Ed. 410 H.E.—Methods of Tchg. H.E.	4		
H.Ec. 400—Home Management	5	Educ. 400—Supervised Teaching	8		
General Electives	3				
Electives—Home Economics	4				
	15		15		

COURSE DESCRIPTION

HOME ECONOMICS 100. *Applied Art and Design.* The appreciation of art and design; their relation and application to problems in everyday life. Credit 4 hours.

HOME ECONOMICS 101. *Food Problems.* Source, selection, preparation and preservation of food materials; individual laboratory problems illustrating principles of cookery and their application. Credit 3 hours.

HOME ECONOMICS 104. *Child Care and Development.* Growth and Development of the child from birth to six years. Observation and experience with pre-school children. Credit 4 hours. Offered as an elective to non-majors.

HOME ECONOMICS 108. *Textiles and Clothing.* Study of textile fiber construction and labeling of material; testing material to determine serviceability; basic principles underlying use of patterns, construction and fitting of simple garments. Credit 3 hours.

HOME ECONOMICS 201. *Meal Planning and Table Service.* Nutritionally adequate menus at various cost levels. Meal preparation and table service for various occasions. Prerequisites: Home Economics 100 and 101. Credit 3 hours.

HOME ECONOMICS 204. *Family Clothing.* A study of family clothing problems; including construction and renovation of garments for men, women and children. Prerequisites: Home Economics 100 and 108. Credit 3 hours.

HOME ECONOMICS 205. *Family Health and Home Care of the Sick.* A consideration of the responsibility of various members of the family in promoting health in the home and in the community. Techniques in home nursing. Credit 2 hours.

HOME ECONOMICS 208. *Housing Problems and Policies.* Analysis of factors making housing a problem. Standards and governmental problems related to housing. Credit 3 hours.

HOME ECONOMICS 302. *Nutrition and Dietaries.* Human requirements for dietary essentials as modified by age, sex, occupation, and other factors. Construction of practical diets to meet requirements. Prerequisites: Home Economics 201; Chemistry 101, 102; and concurrent Biology 302. Credit 3 hours.

HOME ECONOMICS 303. *Household Equipment.* Principles involved in the selection, construction, operation, and care of household equipment, and their relation to the well-being of the family. Credit 3 hours.

HOME ECONOMICS 304. *Home Furnishings and Design.* Planning and decorating the house to meet personal and economical problems involved in comfortable present day living. Trends in home furnishings, designs, arrangements, color in use as background information. Prerequisites: Home Economics 100, 108, 204, and 208. Credit 3 hours.

HOME ECONOMICS 305. *Nutrition for Children.* Basic factors in nutrition and nutrition education. Application of the same with various techniques in the development of an educational program emphasizing the school lunch. Credit 2 hours.

HOME ECONOMICS 306. *Family Relationships.* The study of the inter-relationships of family members. An analysis of financial problems, use of leisure time and the study of how significant technological changes affect family life. Credit 4 hours.

HOME ECONOMICS 307. *Advanced Clothing.* The study of historic and period costumes, accessories, and tailoring. Practical applications are made by designing, draping, and construction. Prerequisites: Home Economics 100, 108, 204. Credit 3 hours.

HOME ECONOMICS 308. *Economic Problems of the Family.* Analysis of family economical aspects; responsibilities of family members in employing effective measures toward getting maximum benefit from family income. Credit 3 hours.

HOME ECONOMICS 400. *Home Management.* Experiences are provided for each student to plan, coordinate, and evaluate the various activities involved in managing a home. Residence of six to eight weeks in the Home Management House is required. Prerequisites: Senior standing for Home Economics majors. Credit 5 hours.

HOME ECONOMICS 401. *Advanced Foods.* The application of basic principles in the preparation of food for groups larger than the family; emphasis on tools and control management, select recipes, menus and appropriate decorations for special occasions and meals; instruction on new food products; and introduction to the techniques of food research is an adequate description of the course. Prerequisites: Home Economics 302. Credit 4 hours.

DEPARTMENT OF INDUSTRIAL ARTS

Industrial Arts is a phase of general education that concerns itself with materials, processes, and products of manufacture, and with the contribution of those engaged in industry. It, therefore, has general values that apply to all levels and to all subject fields.

OBJECTIVES:

- (1) To prepare all students enrolled in this department as majors to teach general shop in the public schools.
- (2) To make majors reasonably proficient craftsmen for teaching unit shop activities.
- (3) To broaden their professional knowledge in the field of industrial arts.
- (4) Students majoring in other fields may elect certain basic shop subjects as a means of broadening their knowledge of and respect for tools, materials, and processes of industry, and industry's contribution to the whole educational process.

CURRICULUM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 101—Life Science	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
I.A. 101—Mechanical Drawing	3	I.A. 132—Industrial Mathematics	3
I.A. 111—General Shop	3	I.A. 112—Elem. Woodworking	3
I.A. 121—Electric Servicing	1	P.Ed. 102—Orient. in Phys. Ed.	1½
P.Ed. 101—Orient. in Phys. Ed.	1½		
	16½		16½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 201—Intro. Soc. Sciences	3	Soc. 202—Intro. Soc. Sciences	3
Sci. 201—Intro. Physical Sci.	3	Sci. 202—Intro. Physical Sciences	3
Ed. 203—General Psychology	3	Ed. 222—Human Develop. &	
I.A. 102—Mechanical Drawing	3	Psy. II	3
I.A. 211—Cabinet Making	3	I.A. 221—Machine Woodworking	3
Eng. 211—Intro. to Literature	3	I.A. 201—General Metal	3
P.Ed. 201—Recreational Activities	1½	I.A. 122—Electric Servicing	1
	18½	P.Ed. 202—Recreational Activities	1½
			16½

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
R.L. 101—Elementary French or Elementary Spanish	3	R.L. 102—Elementary French or Elementary Spanish	3
Econ. 211—Principles of Econ.	3	Eng. 212—Intro. to Literature	3
Soc. 305—Contemp. Social Problems	3	I.A. 212—Ind. Arts Design	3
I.A. 202—Machine Shop	3	I.A. 302—General Shop	3
P.Ed. 221—Health & Safety	2	I.A. 323—Basic Electronics	3
Educa. 321—Electric Servicing	1		
			15

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
I.A. 451—Architectural Drawing	3	Ed. 410—Methods of Tchg.	3
I.A. 324—Basic Electronics	3	Ed. 411—Indus. Educa.	3
I.A. 362—Prep. Instr. Materials	3	Ed. 412—Admin. P. S.	3
Ed. 452—Fund. of Sec. Educa.	3	Ed. 400—Supervised Teaching	3
Elective	3	Elective	1
			15

COURSE DESCRIPTION

INDUSTRIAL ARTS 101. Mechanical Drawing. Freehand lettering. Care of the exercises in the use of instruments. Principles of orthographic projection, sketching, and dimensioning. Contour line construction, inking. Credit 3 hours.

INDUSTRIAL ARTS 102. Mechanical Drawing. Inked drawings. Sections and conventions. Problems in machine drawing and surface development. Credit 3 hours.

INDUSTRIAL ARTS 111. General Shop (Crafts). Introductory course involving basic units in crafts not introduced in other courses. There will be projects and exercises in leather, graphic arts and art metal. Credit 3 hours.

INDUSTRIAL ARTS 112. Elementary Woodwork. Care and use of handtools. Study of woodworking materials. Simple joinery. Use of wood finishing materials. Credit 3 hours.

INDUSTRIAL ARTS 121, 122, 321. Electric Servicing. Each student majoring in the department is required to spend at least two hours per week learning basic electrical principles and how to service electric equipment. Assignments are based upon individual needs and previous experiences of the student. Credit one hour each semester.

INDUSTRIAL ARTS 132. Industrial Mathematics. An arithmetical review followed by fundamentals of applied algebra, geometry, and trigonometry and their relation to shop and field practice. Instruction will be adapted to individual need. Credit 3 hours.

INDUSTRIAL ARTS 201. General Metal. Operation and information units in bench metal, forging, heat treating, welding; practice in construction of projects. Credit 3 hours.

INDUSTRIAL ARTS 202. Machine Shop. Use of files, chisels and other bench tools. Use of precision instruments. Beginning practice on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours.

INDUSTRIAL ARTS 211. Cabinet Making. Advanced hand woodworking units; operation of common woodworking tools; care and sharpening of tools; related information; construction and finishing of furniture projects. Credit 3 hours.

INDUSTRIAL ARTS 212. Industrial Design. Problems of design in furniture. Decorative design. Other problems of design in industry as special problems of the draftsman. Credit 3 hours.

INDUSTRIAL ARTS 221. Machine Woodworking. Production work on woodworking machines. Cabinet assembly. Maintenance of woodworking machinery. Credit 3 hours.

INDUSTRIAL ARTS 302. General Shop (Ceramics and Plastics). Technical information and product development in plastic and ceramic art. Plastic fabrication, construction of molds and forms, and tooling plastics. Experience in industrial ceramic production, and developing problems and projects for clay. Credit 3 hours.

INDUSTRIAL ARTS 323-324. Basic Electronics. Circuit diagrams symbols. Cells and batteries, A. C. principles, condensers, resonance, and electronic principles. Electron tubes, modern tubes, power supply, audio frequency amplifiers, detector circuits. Credit 6 hours.

INDUSTRIAL ARTS 362. Preparation of Instructional Material. Advantages and disadvantages of written instruction. Types of instruction sheets. Duplicating and the proper choice of instructional material. Credit 3 hours.

INDUSTRIAL ARTS 401. Painting and Interior Decorating. General painting information. Composition of paints. Preparing and painting surfaces. Painting difficulties. Composition and use of stains, varnishes and enamels. Paint colors. Preparing plaster for paint. Painting estimates. Credit 3 hours.

INDUSTRIAL ARTS 451. Architectural Drawing. Foundation and floor plans. Elevations. Sections and details of house construction. Architectural symbols. A complete home is planned and drawn. Contour lines. Estimating and specifications. Credit 3 hours.

LIBRARY SCIENCE

OBJECTIVES:

1. To provide basic library science courses for classroom teachers and elementary and high school librarians.
2. To provide basic courses as a foundation for graduate study science, statistics, and engineering.
3. To provide orientation in library procedures, book selection, ancient and modern times.
4. To provide in-service training opportunities for teachers and librarians.

COURSE DESCRIPTION

LIBRARY SCIENCE 113. School Library Organization and Administration. An introductory course designed to give an overview or broad picture of the school library and its function in the school program. Emphasis is placed on the philosophy of school librarianship, housing and equipment, acquisition and mechanical processing of library materials, circulation routines, public relations, library standards, and related topics. Credit 3 hours.

LIBRARY SCIENCE 114. Cataloging and Classification. This is an introductory course in cataloging and classification of books. Included are a study of the Dewey Decimal Classification System, principles of elementary descriptive cataloging, making unit cards, filing, and other necessary procedures for organizing a book collection. Credit 3 hours.

LIBRARY SCIENCE 131. Literature and Related Materials for Children. A course designed for teachers and librarians planning to work with children. Explores the field of literature for children, including its historical development and current trends. A study is made of poetry, folk and fairy stories, fiction and history, biography and animal stories, and other non-fictional books. Criteria for judging each group and methods of use with the school curriculum are considered. Aids in the selection of books and non-book materials are included. Credit 3 hours.

LIBRARY SCIENCE 132. Literature and Related Materials for Young People. A course designed for teachers and librarians planning to work with young people. Emphasis is placed on reading interests, materials to supplement the curriculum, understanding book reviews and book talks, and book selection aids. Short stories, drama, novels, biography, travel and other areas are emphasized. Credit 3 hours. To be offered in Evening School only—under University of Kentucky Extension Program.

DEPARTMENT OF MATHEMATICS

The objectives of the Department of Mathematics and Physics are:

- (1) To offer a major in mathematics for those who plan to teach mathematics and prepare for advance study.
- (2) To give the mathematics back-ground for students of science, statistics, and engineering.
- (3) To give a general picture of the important part mathematics has played in the development of civilization in ancient and modern times.

NOTE: Mathematics 100 is designed to meet the needs of students who show by their entrance test, that they are not ready for Mathematics 101. This course may not be used for credit toward a major in Mathematics.

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P.Ed. 101—Orientation in P.Ed.	½	P.Ed. 102—Orientation in P.Ed.	½
	$16\frac{1}{2}$		$17\frac{1}{2}$

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Math. 201—Plane Analytic Geometry	3	Math. 202—Solid Analytic Geometry	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Math. 203—Calculus	3	Math. 204—Calculus	3
Sci. 211—General Physics	4	Sci. 211—General Physics	4
Ed. 203—General Psychology	3	Ed. 222—Human Devel. & Psy. II	3
P.Ed. 201—Recreational Activities	½	P.Ed. 202—Recreational Activities	½
	$16\frac{1}{2}$		$16\frac{1}{2}$

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Math. 303—Differential Equations	3	Math. 306—College Geometry	3
Electives	7-9	Ed. 452—Fund. of Sec. Educa.	3
	$16-18$	Electives	4-6
	$16-18$		$16-18$

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	Ed. 412—Admin. P. S.	3
Soc. 305—Contemp. Soc.	2	Ed. 414M—Methods of Tchg.	3
P. Ed. 221—Health & Safety Educa.	2	Ed. 400—Supervised Teaching	8
Math. 401—Advanced Algebra	3		
Math. 403—Advanced Calculus	3		
Elective	2		
	16		15

COURSE DESCRIPTION

MATHEMATICS 100. Fundamentals of Mathematics. Fundamental operations with integers and fractions, simple equations and their solutions, ratio, proportions, percentages, exponents, variations, quadratic equations, logarithms, functional relationship, graphs, progressions. Credit 3 hours.

MATHEMATICS 101. College Algebra. Sets and numbers, some principles of logic, inequalities, coordinates system, graphs, quadratic function, determinants, polynomials, inverse functions, permutations, combination & binomial theorem, mathematical induction, exponential and logarithmic function, complex numbers. Credit 3 hours

MATHEMATICS 102. Trigonometry. Definitions and properties of trigonometric functions, right triangle, trigonometric identities, inverse functions, oblique triangles, complex numbers, DeMoivre's Theorem. Credit 3 hours.

MATHEMATICS 114. Teachers' Arithmetic. A review of the essentials of arithmetic, development of skills, accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit 3 hours.

MATHEMATICS 201. Plane Analytic Geometry. A study of rectangular coordinates, lines, polynomials, rational fractional functions, transformations of coordinates, circles, parabola, ellipse and hyperbola, curves of higher degree, exponential and logarithmic curves, parametric equations, polar coordinates, curve fitting. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 203. Calculus. Variables, functions and limits, differentiation of algebraic functions and applications, introduction to integration, differentiation of transcendental functions and applications, Law of Mean. Prerequisite or concurrent: Mathematics 201. Credit 4 hours.

MATHEMATICS 204. Calculus. A continuation of Mathematics 203. Methods of integration, application, partial differentiation, L'Hospital Rule, Maclaurin's and Taylor's series. Prerequisite: Mathematics 203. Credit 4 hours.

MATHEMATICS 303. Differential Equations. This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 306. College Geometry. Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross ratio. Designed for students who expect to teach high school geometry. Prerequisite: Lecture and recitation. Credit 3 hours. (Consent of Instructor.)

MATHEMATICS 307. Linear Algebra. Coordinates, vectors, vector spaces, subspaces, Euclidean N-space, determinants, linear transformation, linear transformation & matrices, bilinear and quadratic forms. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 309. Introduction to Modern Geometry. Historical introduction, postulational systems, coordinates, affine plane, projective plane and coordinates, metric postulate for Euclidean plane, postulate for non-Euclidean plane. Prerequisite: Mathematics 306. Credit 3 hours.

MATHEMATICS 401. Introduction to Modern Algebra. In this course introductory accounts are given of the following: sets, axiomatic approach to number system, general algebraic systems, groups, rings, vector spaces. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 403. Advanced Calculus. Functions, sequence limits, continuity, infinite series, differentiable functions, function of several variable, implicit functions, integrals, line surface and space integrals. Prerequisite: Mathematics 204. Credit 3 hours.

PHYSICS

SCIENCE 211. General Physics. A general elementary course covering Mechanics, Wave Motion, Heat, Electrostatics. Prerequisite: Mathematics 101 and 102. Credit 4 hours.

SCIENCE 212. General Physics. A continuation of Science 211. Current electricity, sound, light, and an introduction to atomic structure. Prerequisite: Science 211. Credit 4 hours.

SCIENCE 303. Electricity and Magnetism. For students who desire to continue the study of electricity and magnetism begun in Science 212. Covering the Theory and Use of electrical equipment, Methods of Measuring Current, power, electromotive force, inductance and capacitance. Prerequisite: Science 212 and Mathematics 204. Credit 3 hours.

DEPARTMENT OF MUSIC

The Department of Music offers a curriculum leading to the Bachelor of Science Degree with a major in Music Education.

The principal objectives of the curriculum leading to the Bachelor of Science Degree with a major in Music Education are:

- A. To offer any student at Kentucky State College, regardless of area of concentration, instruction in music in keeping with his desire to study music as a contributing factor in his general educational and cultural development.
- B. To provide adequate training for students interested in becoming full-time music teachers in the elementary or secondary schools.
- C. To grant any student at Kentucky State College the privilege of participating in the musical performing organizations for the benefit that such participation should provide for the student involved.
- D. To offer appropriate instruction for students with talents and aptitudes, supporting sufficiently their interests in further conservatory and post-graduate training to careers as music supervisors or concert artists.
- E. To offer work to students desiring to become part-time music teachers in secondary or elementary schools.
- F. To provide an environment where prospective music teachers may develop into socially acceptable, effective, and well balanced personalities.
- G. To provide the opportunity for the development of musicianship of each student to the extent of his capacity to profit from this training, with the hope that these skills in music will be used to promote the love and use of music in the schools and community.

DEPARTMENTAL ADMISSION REQUIREMENT

Freshman Admission

To be admitted to the Department of Music, the student must meet all general requirements for admission to the college.

For unqualified admission to the music curriculum, he must, in addition, present evidence of talent and previous training in some area of music. A student whose training does not qualify him for admission to theory classes or who cannot meet the freshman requirements in the field of applied music in which his greatest strength lies will be required to pursue extra courses in these areas until the standards for admission to the freshman level are attained. An examination to determine freshman theory

qualification will be given to all entering students at the time designated by the music department.

Admission to Advanced Standing

Students will be accepted for admission by transfer from an accredited college, university, or school of music provided they are in good standing and have maintained a satisfactory scholastic record. Entrance examinations are required in music theory. Advanced standing in applied music subjects is determined by examination. All transcript evaluations are tentative, conditioned upon successful completion of a semester's work at Kentucky State College.

DEPARTMENTAL REQUIREMENTS

Performing Mediums

Every student majoring in the Music Department must elect a major and secondary performing medium. The performing mediums are listed below:

- A. Instrumental Music—(Flute, Oboe, Clarinet, Bassoon, Trumpet, French Horn, Baritone Horn, Trombone, Tuba, Percussion, Violin, Viola, Cello, and Double Bass)
- B. Keyboard Music—(Piano and Organ)
- C. Choral Music—(Voice, Piano and Organ)

Changes in Program

Changes in program, courses and performing mediums may be made upon the recommendation of the Departmental Head to the Dean of the College *only*.

Music Laboratory

Each student with a major or concentration in music will participate in the music laboratories for which he is qualified each semester in residence. Any deviation from this regulation must be approved by the Head of the Music Department.

Music laboratories consists of participation in the College Bands (Marching Band, Concert Band), String Orchestra, Ensembles (Woodwind, String, Brass) and the College Choirs (Chapel Choir, Concert Choir).

Music Scholarships

These scholarships are awarded on the basis of musical performance. It should be clear that such awards can be made only through accurate knowledge of the ability of each individual, either through proof furnished by work done here at Kentucky State College or by a personal audition. In some cases, a tape

recording may suffice. Awards are made by the Scholarship Committee upon the recommendation of the Head of the Department.

Senior Recital

A full recital is required of all music students before graduation. Under normal conditions it is to be given during the second semester of the senior year. The material used for the recital should come from the student's four year applied repertoire.

Qualitative Requirements

Because of the vast amount of space needed for this presentation, it is suggested that all interested persons consult the Head of the Music Department for copies of these requirements.

Areas of Concentration

Upon registration, every student majoring in the Music Department must elect an area of concentration. The areas of concentration are listed below:

- A. Instrumental Music
- B. Keyboard Music
- C. Choral Music

Attendance at Concerts and Recitals

All music students of the Music Department are required to attend all musical programs sponsored, either directly or indirectly, by the Music Department. All excused absences must be given in advance of the program by the Head of the Music Department. Failure to comply with this regulation will necessitate the immediate dismissal from the Department.

Public Performance

A student desiring to present a solo performance outside the regular activities of the Music Department shall request this from his instructor in applied music and the Head of the Music Department. This applies to solo performances, radio or television performances, participation in small instrumental and vocal ensembles, and participation in church activities as organist, choir director, choir member, or soloist.

A student desiring to participate in a musical organization not affiliated with the College shall file a formal request with the Head of the Music Department.

Instruments Owned By Students

The Department of Music is not responsible for theft or damage of instruments owned by students. All students are urged to have their instruments properly insured and kept in a safe place.

Instruments Owned By the College

Students using instruments owned by the College must submit a written statement from their parents or guardian to the Head of the Music Department stating that they will assume all responsibility in the maintenance of the instrument.

MUSIC EDUCATION CURRICULUM** Bachelor of Science Degree with a Major in Music Education

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
P.Ed. 101—Orientation in P.Ed.	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
Ed. 100—Elementary Orientation	0	Ed. 100—Elementary Life	1
Mus. 101—Fundamentals of Music Theory	3	Mus. 102—Fundamentals of Music Theory	3
Mus. 161—Major Applied Music	1	Mus. 162—Major Applied Music	1
Mus. 011—Ensemble (Orch., Band or Choir)	1	Mus. 012—Ensemble (Orch., Band or Choir)	1
*Mus. 001—Classroom Piano	0	*Mus. 002—Classroom Piano	0
	17 1/2		18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Ed. 203—General Psychology	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 201—Intro. to Physical Sci.	3
P.Ed. 201—Recreational Activities	1 1/2	P.Ed. 202—Recreational Activities	1 1/2
Mus. 221—Harmony	2	Mus. 222—Harmony	2
Mus. 201—Ear Training and Sight Singing	1	Mus. 202—Ear Training and Sight Singing	1
Mus. 231—Music History	3	Mus. 232—Music History	3
Mus. 261—Major Applied Music	1	Mus. 262—Major Applied Music	1
Mus. 271—Secondary Applied Music	1/2	Mus. 272—Secondary Applied Music	1/2
Mus. 021—Ensemble (Orch., Band or Choir)	1	Mus. 022—Ensemble (Orch., Band or Choir)	1
	15		15

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
P.Ed. 221—Health and Safety	2	Mus. 302—Music in the Secondary School	3
Mus. 301—Music in the Elem. School	3	Mus. 322—Counterpoint	3
Mus. 321—Advanced Harmony	2	Mus. 332—Conducting (Choral)	2
Mus. 331—Conducting	2	Mus. 342—Instrumental Class	1
Mus. 341—Instrumental	2	Mus. 352—Composition	1
Mus. 361—Form and Analysis	1	Mus. 372—Major Applied Music	1
Mus. 371—Major Applied Music	1	Mus. 382—Secondary Applied Music	1/2
Mus. 381—Secondary Applied Music	1/2	Mus. 032—Ensemble (Orch., Band or Choir)	1
Mus. 031—Ensemble (Orch., Band or Choir)	1		
	16 1/2		16 1/2

* For Music Majors who are not using piano as their performing medium and cannot meet the minimum requirement in piano.

**This curriculum leads to certification at the secondary level.

***Students wishing certification at 12-level, must take Ed. 202 and Ed. 221.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 222—Human Develop. & Psy. II	3	Ed. 424—Foundations of Educ.	3
Ed. 412—Admin. of Pub. Sch.	3	Mus. 462—Major Applied Music	1 (Recital)
Mus. 411—Intro. to Musicology	2	Mus. 042—Ensemble (Orch. Band or Choir)	1
Mus. 491—Orchestration	3	Ed. 400—Supervised Teaching	8
Mus. 421—Seminar in Mus. Educ.	1	Mus. 492—Survey of Music Literature	3
Mus. 461—Major Applied Music	1		
Mus. 041—Ensemble (Orch. Band or Choir)	1		
Mus. 003—Applied Classroom Piano	1		
	15		16

COURSE DESCRIPTION

Structure and Organization of Music

MUSIC 101A. Public School Music. This is designed especially for the non-music major. The student is introduced to the simple fundamentals of music as they apply to simple melodies, rhythms, key signatures and key structures. Much emphasis is placed on notation, both demonstrative and illustrative. In the process of learning these problems, the students should develop a good voice and simple playing techniques. Credit: Three Semester Hours.

MUSIC 102A. Public School Music. A continuation of the study of Music 101A. After the problems of Music 101A have been perfected, the minor and chromatic scales and key structures are introduced. Songs involving the minor modes and accidentals are demonstrated, analyzed and studied for their notation significance. As the course progresses, dynamic marks and figures of expression are applied. After these problems have been mastered, a study of intervals and triads follows. Workbooks and daily assignments aid in the study of these problems. Credit: Three Semester Hours. Prerequisite: Music 101A or its Equivalent.

MUSIC 101. Fundamentals of Music Theory. An introduction to the elements of music, including study of the staff, clefs, key signatures, scales, time signatures, notation; meter and rhythm; sight singing; major and minor chords; application of theory at the keyboard; rhythmic, melodic and harmonic ear training. Credit: Three Semester Hours.

MUSIC 102. Fundamentals of Music Theory. A continuation of Music 101 with emphasis upon individual musicianship problems in regards to the elements of music. Credit: Three Semester Hours. Prerequisite: Music 101 or its Equivalent.

MUSIC 201. Ear Training and Sight Singing. Singing in the various clefs with accepted numbers, syllables and letter names; major and minor modes; melodies with harmonic backgrounds of the principal chords. Recognition of tones and intervals. Aural

study of beats and their divisions; intervals and melodies having harmonic backgrounds of the principal chords. Credit: One Semester Hour. Prerequisite: Music 102 or its Equivalent.

MUSIC 202. Ear Training and Sight Singing. Singing in the various clefs with letter names; melodies with harmonic backgrounds of all the diatonic triads, the dominant seventh and supertonic seventh chords. Aural study of the sub-division of beats; syncopations; intervals and melodies with any diatonic harmonic background; diatonic harmonic progressions. Credit: One Semester Hour. Prerequisite: Music 201 or its Equivalent.

MUSIC 221. Harmony. Part writing of figured bass exercises and melody harmonizations requiring the principal triads; melodic composition of the phrase and period with extensions. Keyboard study of major and minor triads; harmonic progressions and melody; harmonizations requiring the principal triads. Credit: Two Semester Hours. Prerequisite: Music 102 or its Equivalent.

MUSIC 222. Harmony. Part writing of figured bass exercises and melody harmonizations requiring all diatonic triads, the dominant seventh and supertonic seventh chords and non-harmonic tones. Enlargement of the period in melodic composition. Keyboard study of harmonic progressions from extended forms. Credit: Two Semester Hours. Prerequisite: Music 221 or its Equivalent.

MUSIC 321. Advanced Harmony. Part writing of figured bass exercises and melody harmonizations requiring all diatonic seventh chords and modulation; styles of writing other than the chorale style. Composition in two and three-part song forms. Keyboard study of harmonic progressions and melody harmonizations requiring all diatonic seventh chords; modulation to closely related keys. Credit: Two Semester Hours. Prerequisite: Music 222 or its Equivalent.

MUSIC 322. Counterpoint. The contrapuntal procedures of the sixteenth, seventeenth, and early eighteenth-century composers. Practical application in the writing of canons, madrigals, motets, inventions, obligatos, and descants. Credit: Three Semester Hours. Prerequisite: Music 321 or its Equivalent.

MUSIC 391. Form and Analysis. The technique of harmonic and contrapuntal analysis; study of formal design and method of structural treatment in representative scores of music from the seventeenth to the twentieth centuries. This study will include the small as well as the larger musical forms such as the variation, chaconne, passacaglia, rondo, sonatina, and sonata allegro forms. Credit: One Semester Hour. Prerequisite: Music 222 or its Equivalent.

MUSIC 392. Composition. General orientation into the field of musical composition. Stress placed on notation, spelling, punctuation of music, and dictation in usual and complex meters and intervals. The extension and expansion of the phrase. The period as related to the song. The extension of the period; the double period. Two-part song form, its expansions by development. Principles of tripartite forms evolving into five-part song form; its analogy to the rondo. The compound song forms. The suite as a large-scale work. The variation forms. Credit: Two Semester Hours. Prerequisite: Music 391 or its Equivalent.

MUSIC 491. Orchestration. Study of the ranges, tonal possibilities, technical limitations, and necessary transpositions for all orchestral and band instruments; analysis of scores of standard compositions; scoring short pieces in various styles for small and large orchestra and band. Score study with emphasis on hearing various instrumental combinations. Score reading in clefs at keyboard. Credit: Three Semester Hours. Prerequisite: Music 392 or its Equivalent.

MUSIC 493. Advanced Composition. A continuation of Music 392. This course is primarily designed for students that have shown tremendous possibilities in composition. Experiments in scoring for large ensembles from an individual creative standpoint will be emphasized. Credit: Three Semester Hours. Prerequisite: Music 392 or its Equivalent.

Music History and Literature

MUSIC 291. Music Appreciation. Designed to stimulate enjoyment of music by the development of intelligent listening. A study of the materials of music, such as notation, instruments of the orchestra, etc. An observation of the creative process in music. Methods and tools employed in the composer's workshop. An analysis of representative samples of the standard repertoire from Antiquity Period to the present. Credit: Two Semester Hours.

MUSIC 292. Music Appreciation. A continuation of Music 291 with more emphasis on developing a technique for listening analytically and critically to music. Examples by use of records, films and live music. Credit: Two Semester Hours.

MUSIC 231. Music History. Analysis of main works of musical literature, presented in historical order. Form, harmonic and contrapuntal devices, orchestration, and other stylistic features investigated against background of historic, artistic and cultural developments. The Classical and Romantic eras as well as the early Middle Ages covered. Selected recordings will be used to show significant trends and developments in style and expression. Credit: Three Semester Hours.

MUSIC 232. Music History. Analysis of main works of music literature, presented in historical order. Form, harmonic and contrapuntal devices, orchestration, and other stylistic features investigated against background of historic, artistic and cultural developments. The Renaissance and Baroque periods as well as contemporary music covered. Selected recordings will be used to show significant trends and developments in style and expression. Credit: Three Semester Hours. Prerequisite: Music 231 or its Equivalent.

MUSIC 411. Introduction to Musicology. Nature, scope and goal of musicology; its methods and history. Auxiliary disciplines: history, paleography, and history of literature and art are included. Survey of bibliography, comparative musicology, and musical topography. Different ways of approach: stylistic and critical; technical and intellectual, etc. Papers and reports are given by students. Credit: Two Semester Hours. Prerequisite: Permission of the Head of the Music Department.

MUSIC 492. Survey of Music Literature. The main objective of this course is to survey the literature of music for keyboard instruments, band, orchestra, chamber ensemble, solo voice, vocal ensemble, and opera, as it is represented in the past and present-day repertory. Although the course is designed for students majoring in music, it is suitable for others who have comparable musical background. Credit: Three Semester Hours. Prerequisite: Permission of the Head of the Music Department.

Principles, Methods and Materials in Music Education

MUSIC 301. Music in the Elementary School. The aims, contents and procedures in the teaching of music in the first six grades. The child voice; repertory of selected song materials suitable for classroom use; rhythmic development of the child, introduction of notation; development of the sight-reading process, creative music for children; introduction of part singing. Recruiting students for the elementary school instrumental program; preliminary organization; judging the ability of the student to benefit by the instrumental program and choosing the instrument most suitable to the student; instrumental class problems, methods and materials. Credit: Three Semester Hours. Prerequisite: Music 102A or 102 or its Equivalent.

MUSIC 302. Music in the Secondary School. The aims, contents and procedures in the teaching of music in the junior and senior high schools. General treatment of choral music; music appreciation, music theory, music dramatics; materials for special programs and general use in choral classes; correlation of music

with other subjects in the high-school curriculum. Objectives of the secondary school instrumental program. Organization of band and orchestra; discipline, rehearsal procedures, repertoire, and public performance, including athletic appearances, concerts, contests, and festivals. Credit: Three Semester Hours. Prerequisite: Music 301 or its Equivalent.

MUSIC 331. Conducting—Instrumental. Introduction to instrumental conducting areas; baton techniques; rehearsal procedures, psychology of rehearsal, and development of physical coordination through actual participation in class and conducting laboratories. Extensive practice on physical exercises designed to develop coordination of the mind and hands as needed in the art of conducting; study and comparison of the techniques of noted conductors; further study of musical terms necessary for proper interpretations and score reading. Credit: Two Semester Hours. Prerequisite: Music 222 or its Equivalent.

MUSIC 332. Conducting—Choral. Introduction to choral conducting techniques; rehearsal and performance procedures and continued development of musical interpretation. Also, in this course, the class will organize itself into an a cappella choir and, under supervision, work on a program of unaccompanied compositions with great attention being given to the ability of the conductor to manipulate the group and the music. Credit: Two Semester Hours. Prerequisite: Music 331 or its Equivalent.

MUSIC 341. Instrumental Class. The elements of playing and teaching the instruments of the brass family (trumpet, french horn, baritone horn, trombone and tuba) and the string family (violin, viola, cello and double bass). Special attention is given to the performance of scales, simple melodies and ensemble materials. Credit: One Semester Hour. Prerequisite: Permission of the Instructor.

MUSIC 342. Instrumental Class. The elements of playing and teaching the instruments of the woodwind family (flute, oboe, clarinet and bassoon) and the percussion family (mallet instruments, traps, tympani and snare drum). Special attention is given to the performance of scales, simple melodies and ensemble materials. Credit: One Semester Hour. Prerequisite: Permission of the Instructor.

MUSIC 421. Seminar in Music Education. The subject matter in this seminar will be drawn from the professional areas of music and music education. This, together with research and free exchange of ideas, will link the student's previous education with his professional career. Credit: One Semester Hour. Prerequisite: Permission of the Head of the Music Department.

Applied Music

Note: The content of the applied music stated below is for the guidance of the student, and is therefore a flexible, rather than rigid, description of the requirement.

General Applied Classroom Piano

MUSIC 001-002. Classroom Piano. A special sub-level individual and class instructional piano course for the student with no previous training at the keyboard. Presentation of elementary piano technique. Credit: None.

MUSIC 003. Applied Classroom Piano. A special course in piano for all music education majors. Special attention is given to sight reading of simple folk songs; the accurate playing of community and patriotic songs; transposing of simple four-part songs; and the playing of simple accompaniments for voice or instrument. Credit: One Semester Hour. Prerequisite: Music 002 or its Equivalent.

Major Applied—Keyboard Piano

MUSIC 161K-162K. Piano. Bach, *Short Preludes and Fugues*; Beethoven, *Bagatelles Op. 33*; Mendelssohn, *Songs Without Words*; Chopin, easier *Nocturnes* and *Polonaises*; Schumann, *Kinderszenen*, Op. 15 and other short pieces; major and minor scales and arpeggios, hands together. Credit: One Semester Hour.

MUSIC 261K-262K. Piano. Bach, *Two-Part Inventions*, *Fantasy in C Minor*, *Adagio in G*, W. Friedemann Bach Book; Beethoven, Op. 2, *Ecossaises*; Schumann, Op. 2, 82, 89, etc.; Chopin, *Nocturnes*, *Waltzes*; modern, Debussy, Albeniz, etc.; technique: major and minor scales in modulatory sequence, dominant seventh and diminished seventh arpeggios, hands separately. Credit: One Semester Hour.

MUSIC 361K-362K. Piano. Bach, *Well-Tempered Clavier*, Vol. I; easier *Preludes and Fugues*, *Three-Part Inventions*; Haydn, rondos and *Variations in F Minor*; sonatas by Scarlatti, Mozart; Beethoven, *Rondos*, and *Sonatas* through Op. 27; Romantics, including Brahms' easier works; technique: same, but add scales in octaves and chromatic and whole tone scales. Credit: One Semester Hour.

MUSIC 461K-462K. Piano. Bach, *Three-Part Inventions*, *Well-Tempered Clavier*, *Duettos*, *Italian Concerto*, easier transcriptions; Beethoven, sonatas up to Op. 79, *Variations-C Minor*; Chopin, *Scherzi* and *Impromptus*, *Nocturnes*, etc.; Brahms, *Intermezzi* and *Rhapsodies*; one movement from easier concertos (Mendelssohn,

Grieg, Mozart, etc.); moderns, Rachmaninoff, Ravel, and others; technique: add scales and arpeggios and thirds, sixths, and tenths. Recital. Credit: One Semester Hour.

Secondary Applied—Keyboard Piano

MUSIC 271K-272K. Piano. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371K-372K. Piano. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Keyboard Organ

MUSIC 161K-162K. Organ. Manual and pedal technique; Bach fuguetas, trios, and other pieces of the pre-Bach school; pedal scales; Gleason, *Organ Method*; selected works from Bach, *Little Organ Book* and the *Eight Little Preludes and Fugues*; Dupre *79 Chorale Preludes*; Vierne, *24 Pieces in Free Style*. Credit: One semester Hour.

MUSIC 261K-262K. Organ. Bach: selected preludes and fugues; works from the older masters; modern compositions by Franck, Vierne, Sowerby, and others; continued work in technique, scales, etc. Credit: One Semester Hour.

MUSIC 361K-362K. Organ. Bach: selected preludes and fugues, and toccatas and fugues from the mature master period; modern compositions by Franck, Sowerby, Karg-Elert, Reger, and contemporary composers. Credit: One Semester Hour.

MUSIC 461K-462K. Organ. Bach: selected preludes and fugues, toccatas and fugues, trio sonatas, and fantasias; Schubler, *18 Great Chorales*; *Klavierubung*, Part III; Franck, chorales; larger works by Vierne, Widor, Messiaen, Karg-Elert, Sowerby, Mulet, and other contemporary composers. Recital. Credit: One Semester Hour.

Secondary Applied—Keyboard Organ

MUSIC 271K-272K. Organ. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371K-372K. Organ. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Voice
Voice

MUSIC 161V-162V. *Voice.* Vocalization practice for the development of tone quality, diction, and range; vocalizes at any level at the discretion of the instructor, with instruction in correct breathing and posture. Repertoire requirement will vary. Credit: One Semester Hour.

MUSIC 261V-262V. *Voice.* Continuation of technical studies in breathing, quality, diction, and range; development of agility and wider range applied to more difficult song literature. Repertoire should include the oratorio arias of Bach, Handel, Mendelssohn, or others, or from British and American art songs of the twentieth century. Credit: One Semester Hour.

MUSIC 361V-362V. *Voice.* Continuation of technical study. Repertoire should include the standard German Lieder, i.e., Schubert, Schumann, Franz, Brahms, Wolf, and others. Credit: One Semester Hour.

MUSIC 461V-462V. *Voice.* Advanced vocal technique and literature; development of interpretation and characterization. Repertoire should include the modern French repertoire, twentieth century British and American art songs. The voice student should have a minimum memorized repertoire of forty-eight songs in the Italian, German, French, and English languages. Other foreign language songs are to be sung in acceptable English translations. Recital. Credit: One Semester Hour.

Secondary Applied—Voice
Voice

MUSIC 271V-272V. *Voice.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371V-372V. *Voice.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Strings
Violin

MUSIC 161S-162S. *Violin.* Thorough study of the basic problems of left-hand and bow-arm technique; scales and arpeggios in two octaves; etudes such as Mazas, Wohlfahrt, and Sitt; concertos such as Seitz and Accolay; sonatas such as Handel and Vivaldi. Credit: One Semester Hour.

MUSIC 261S-262S. *Violin.* Continuation of emphasis on left-hand and bow-arm technique. At the end of two semesters the student should have covered the following: two- and three-octave

scales and arpeggios in all major and minor keys, various etudes leading to the study of Fiorillo and Kreutzer, and sonatas and concertos of Handel, Corelli, Tartini, and others. Credit: One Semester Hour.

MUSIC 361S-362S. *Violin.* Continuation of above material with addition of exercises leading toward scales in thirds and chromatics; etudes such as Dont, Op. 37, Kreutzer; concertos, including styles represented by Viotti, Spohr, Vivaldi, Bach, and easier Mozart sonatas. Credit: One Semester Hour.

MUSIC 461S-462S. *Violin.* Chief emphasis on compositions of the difficulty of a Handel sonata; a concerto, such as Spohr, No. 8, Viotti, No. 22. Recital. Credit: One Semester Hour.

Secondary Applied—Strings
Violin

MUSIC 271S-272S. *Violin.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371S-372S. *Violin.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Strings
Viola

MUSIC 161S-162S. *Viola.* Correct posture, bow grip, and left-hand position; elementary bowing; scales and arpeggios in the first position; various broken chords and chromatics in the first position. Credit: One Semester Hour.

MUSIC 261S-262S. *Viola.* Greater fluency of the bow, martele, elementary spiccato, control of bow speed in legato; scales and broken chords in the first three positions; etudes of Mazas, Sitt, and Kreuz. Credit: One Semester Hour.

MUSIC 361S-362S. *Viola.* Scales and broken chords in the first five positions; Sevcik exercises in shifting, bowing, and elementary double-stopping; pieces to be recommended by the instructor; studies by Svecenski. Credit: One Semester Hour.

MUSIC 461S-462S. *Viola.* Scales and broken chords in three octaves; flexibility of bow in all basic strokes; etudes of Kreutzer and Dont; selected movements from the cello and violin suites and partitas by Bach; concert pieces recommended by the instructor. Recital. Credit: One Semester Hour.

Secondary Applied—Strings
Viola

MUSIC 271S-272S. *Viola.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371S-372S. *Viola.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Strings
Cello

MUSIC 161S-162S. *Cello.* Fundamental bowing and fingering exercises; scales and arpeggios through two octaves; scales in thirds and sixths through one octave; various studies in the lower range of the cello; Bach, *Suite No. 1*; old sonatas, e.g., Marcello, *Sonata in F Major*; Corelli, *Sonata in D Minor*. Credit: One Semester Hour.

MUSIC 261S-262S. *Cello.* Scales, etc., in three octaves; double-stops through two octaves; Beethoven, *Sonata No. 1 or 2*; Bach, *Suite No. 2 or 3*; Klengel, *Concertine*. Credit: One Semester Hour.

MUSIC 361S-362S. *Cello.* Scales, etc., in four octaves; thirds, etc., through three octaves; Brahms, *Sonata No. 1*; Beethoven, *Variations; Tartini, Concerto*. Credit: One Semester Hour.

MUSIC 461S-462S. *Cello.* Concertos by Romberg, Klughardt, Molique, Boccherini; Beethoven, *Sonata No. 3 or 4*; Bach, one of the Gamba sonatas; recapitulation of all pertinent pedagogical problems. Recital. Credit: One Semester Hour.

Secondary Applied—Strings
Cello

MUSIC 271S-272S. *Cello.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371S-372S. *Cello.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Strings
String Bass

MUSIC 161S-162S. *String Bass.* One and two octave major, minor and chromatic scales, and arpeggios in first seven position, based on study in Simandl's *Book I*. Credit: One Semester Hour.

MUSIC 261S-262S. *String Bass.* Two and three octave scales and arpeggios into thumb position; studies from Storch-Hrabe's 57 *Etudes* (or Kayser's 36 *Etudes*), Hrabe's 86 *Etudes*, and Si-

mandl's *Book II*; bowing studies from Mochel's *Book I*; study of one of the less difficult sonatas of Marcello or Vivaldi. Credit: One Semester Hour.

MUSIC 361S-362S. *String Bass.* Continued study of former materials; orchestral studies from *Difficult Passages for Double Bass, Books I and II*; solo works by Capuzzi, Bach, Vivaldi, or Marcello. Credit: One Semester Hour.

MUSIC 461S-462S. *String Bass.* All three octave scales and arpeggios; preparation of required recital from works of Eccles, Bach, Dittersdorf, Storch, Handel, or Galliard. Recital. Credit: One Semester Hour.

Secondary Applied—Strings
String Bass

MUSIC 271S-272S. *String Bass.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371S-372S. *String Bass.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Woodwinds
Flute

MUSIC 161W-162W. *Flute.* Theory and techniques of tone production; emphasis on production of straight tone; major, minor and chromatic scales; *Etudes* by Gariboldi, Terschak; Andersen, Op. 33; sonatas by Benedetto Marcello; Platti, *Sonata I; Contemporary French Pieces, Vol. II*. Credit: One Semester Hour.

MUSIC 261W-262W. *Flute.* Theory and techniques of tone production; emphasis on production of straight tone; all scales committed to memory are formulated into various articulation studies; Andersen, Op. 21 and 30; D. Maquarre, *Daily Studies*; Taffanel and Gaubert, *Method, Part V*; Handel, *Sonatas*; Telemann, *Suite in A Minor*; Ibert, *Piece*. Credit: One Semester Hour.

MUSIC 361W-362W. *Flute.* Study and application of vibrato; all scales in thirds and fourths; Barrere, *Flutists' Formulae*; Andersen, Op. 63; 24 *Concert Studies* from J. S. Bach's Works; Altes, *Etudes*; Bach, *Sonatas, Vol. I*; Chaminade, *Concertino*; Griffes, *Poem*; Enesco, *Cantabile et Presto*; proficiency in sight reading. Credit: One Semester Hour.

MUSIC 461W-462W. *Flute.* Further development and usage of vibrato; Andersen, Op. 15; Camus, *Six Grandes Etudes*; Jeanjean, *Etudes Moderne*; Bach, *Sonatas, Vol. II*; Mozart, *Concertos*; Hindemith, *Violin Concerto*.

mith, *Sonata*; introduction to flute ensembles, chamber music, and orchestral repertoire; proficiency in sight reading. Recital. Credit: One Semester Hour.

Secondary Applied—Woodwinds
Flute

MUSIC 271W-272W. Flute. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371W-372W. Flute. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Woodwinds
Clarinet

MUSIC 161W-162W. Clarinet. Tone production and articulations; major and minor scales, arpeggios; Klose, *Method*; Rose, *32 Studies*; Handel, *Sonatas*; Weber, *Concertino*; Orchestra studies, Chamber music. Credit: One Semester Hour.

MUSIC 261W-262W. Clarinet. All scales and arpeggios; Klose, *Method*, continued; Rose, *40 Studies* and *20 Studies*; Weber, *Concerti*; Orchestra studies; and Chamber music. Credit: One Semester Hour.

MUSIC 361W-362W. Clarinet. Baermann, *Method*, Books IV and V; Langenus, *Method*, Book III; Cavallini, *30 Caprices*, Orchestra studies; Mozart, *Concerto*; Paris Conservatory Solos; and Chamber music. Credit: One Semester Hour.

MUSIC 461W-462W. Clarinet. Stark, *24 Studies in All Keys*, Jeanjean, *25 Studies*; Brahms and Hindemith, *Sonatas*; Debussy, *Rhapsody*, Orchestra studies; Chamber music. Recital. Credit: One Semester Hour.

Secondary Applied—Woodwinds
Clarinet

MUSIC 271W-272W. Clarinet. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371W-372W. Clarinet. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Woodwinds
Oboe

MUSIC 161W-162W. Oboe. Theory of tone production, reed-making, articulations. Credit: One Semester Hour.

MUSIC 261W-262W. Oboe. Scales; Sellner, *Progressive Studies*; Barret, *Melodious Studies*; scales in thirds; Barret, *Sonatas*; Barlow, *Winter's Passed*. Credit: One Semester Hour.

MUSIC 361W-362W. Oboe. Scales in thirds and fourths and all intervals; Ferling, *Studies*; Barret, *Grand Etudes*; Guilhaud, *Concertino*. Arpeggios and techniques; Handel, *Sonatas*. Credit: One Semester Hour.

MUSIC 461W-462W. Oboe. Specialized technique; Bleuzet, *Studies*; Brod, Ferling, *Studies*; Sellner, *Duets*; Handel, *Concertos*; Haydn, *Concerto*; Mozart, *Quartet*. Recital. Credit: One Semester Hour.

Secondary Applied—Woodwinds
Oboe

MUSIC 271W-272W. Oboe. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 372W-372W. Oboe. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Woodwinds
Bassoon

MUSIC 161W-162W. Bassoon. Placement of reed and tongue for the correct embouchure; practice on attacks, long tones, production of dynamics; beginning of scale studies. J. Weissenborn, *Studies*, Book I, Op. 8, Ambrosio edition. Credit: One Semester Hour.

MUSIC 261W-262W. Bassoon. Continuation of J. Weissenborn, *Studies*, Book I, Op. 8, Ambrosio edition; elementary exercises in rhythm and articulation; increased range through scale studies; Oubradous, *Books I and II*; emphasis on intonation in intervals and arpeggios up to four flats and four sharps; all major and minor scales; introduction of tenor clef; simple melodies in legato and staccato; Weissenborn, *Studies*, Book I, complete; Milde, Op. 24, *25 Etudes in All Keys*. Credit: One Semester Hour.

MUSIC 361W-362W. Bassoon. Jancourt, *26 Melodic Studies* and *32 Progressive Exercises*; Jacobi, Op. 15, *6 Caprices*, J. Weissenborn, *Studies*, Book II; reed-making; all scales and arpeggios; legato and staccato with wide dynamic range, committed to memory. Oubradous, *Daily Scales and Exercises*; Piard I, II III; Faure, *Piece*. Credit: One Semester Hour.

MUSIC 461W-462W. Bassoon. Flament, *Studies and Reed-making*; scales in thirds and fourths; complete J. Weissenborn

Studies, Book II, Op. 8; continue Piard I, II, III; J. B. Gambaro, 18 Studies; Milde, Concert Studies, Book I; Op. 26; Giampieri, 16 Daily Studies; complete Jancourt, 26 Melodic Studies and 32 Progressive Exercises; Longo, Suite; D. S. Smith, Caprice; Orchestral studies. Recital. Credit: One Semester Hour.

**Secondary Applied—Woodwinds
Bassoon**

Music 271W-272W. Bassoon. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Music 371W-372W. Bassoon. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

**Major Applied—Brasses
French Horn**

*Music 161B-162B. French Horn. All major and minor scales; formation of embouchure and tone production; beginning study of various articulation; Schlossberg, *Daily Drills*; Kopprasch, *Books I and II*; Pottag-Andraud, *Book I*; Maxime-Alphonse, *Book I*; Shuebruk, *Tongue Studies*. Credit: One Semester Hour.*

*Music 261B-262B. French Horn. Emphasis upon range extension and endurance; continued study of the various articulations, including the rapid single tongue; bass and alto clef; E, E-flat, D, and D-flat transpositions; hand muting; Maxime-Alphonse, *Book II*; Pottag-Andraud, *Book I*; Schlossberg, *Daily Drills*; Mozart, *Concerto No. 1*; Haydn, *Concerto No. 2*. Credit: One Semester Hour.*

*Music 361B-362B. French Horn. Continued study of transpositions; including B, B-flat, and C, and their application in the Classic orchestral literature; double and triple tonguing; lip trills; Maxime-Alphonse, *Books II and III*; Pottag-Andraud, *Book II*; Mozart, *Concerto No. 1*, *Concerto No. 2*, *Concerto No. 3*; Strauss, *Concerto No. 1*, *Glazounov, Reverie*; Dukas, *Villanelle*. Credit: One Semester Hour.*

*Music 461B-462B. French Horn. All transpositions and their application in the Romantic orchestral literature; memorization of important orchestral horn solos; reading of high school solo literature; Mozart, *Concerto No. 4*; Haydn, *Concerto No. 2*; Brahms, *Trio, Op. 40*; Beethoven, *Sonata, Op. 17*. Recital. Credit: One Semester Hour.*

**Secondary Applied—Brasses
French Horn**

Music 271B-272B. French Horn. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Music 371B-372B. French Horn. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

**Major Applied—Brasses
Trumpet**

*Music 161B-162B. Trumpet. A review of all the fundamentals of trumpet playing. Concentrated work on rhythm, scales, arpeggios, and proper breath control. Material to be used will be Arban, Saint Jacome, Clarke, *Books I and II*, and song literature. Credit: One Semester Hour.*

Music 261B-262B. Trumpet. Introduction to trumpet transposition, the easier orchestra literature; French solos will be presented along with work in Arban, Clarke, Saint Jacome, and Saches. Credit: One Semester Hour.

Music 361B-362B. Trumpet. Continued emphasis on technique and tone studies by Shuebruk, Clarke, and Arban. Solo literature of medium difficulty and a further study of transposition by clef being used. The first studies by Laurent, Clodimir, and Bosquet. Credit: One Semester Hour.

Music 461B-462B. Trumpet. A great amount of high school solo literature is covered. Two or three French solos are prepared for recital. A study of the more advanced orchestral studies is stressed as well as the art of phrasing as used in the vocal literature of Brahms, Wolf, Schumann, and others. This is in addition to the fundamental technique of Clarke, Arban, and others. Recital. Credit: One Semester Hour.

**Secondary Applied—Brasses
Trumpet**

Music 271B-272B. Trumpet. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Music 371B-372B. Trumpet. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Brasses
Trombone

MUSIC 161B-162B. *Trombone.* Emphasis on tone production, embouchure development, breath support, and attack. Major arpeggios and scales. Texts: Rochut, *Book I*; Long, *Collegiate Trombonist*; O. Blume, *36 Exercises, Book I*. Solos such as Grafe, *Grand Concerto*; Ropartz, *Andante and Allegro*. Credit: One Semester Hour.

MUSIC 261B-262B. *Trombone.* Increase of range and flexibility. Minor scales and arpeggios, tenor clef, and triple-tonguing. Texts: O. Blume, *36 Exercises, Book II*; LaFosse, *Complete Method for Trombone, Book I*; Reinhardt, *Pivot System*; Mantia, *Trombone Virtuoso*; Rochut, *Book I*. Solos such as Barat, *Andante and Allegro*; Sachse-Mausebach, *Concertino*; Guilmant, *Morceau Symphonique*. Credit: One Semester Hour.

MUSIC 361B-362B. *Trombone.* Alto clef, double-tonguing, dominant seventh and diminished arpeggios, and dynamic range. Texts: O. Blume, *36 Exercises, Book III*; LaFosse, *Books I, II*; Schlossberg, *Daily Drills and Technical Exercises*; Rochut, *Book II*; Blazevitch, *Clef Studies*; orchestral passages. Solos such as Muhlfeld, *Concertstück*; Duclos, *Doubles sur un Choral*; Gottwald, *Fantaisie Heroique*; Desportes, *Fantasia in B Flat*. Credit: One Semester Hour.

MUSIC 461B-462B. *Trombone.* Texts: LaFosse, *Book II*; Schlossberg, *Daily Drills and Technical Exercises*; Rochut, *Book II*; Couillaud, *20 Etudes de Perfectionnement*; Arban, *Part II*. Solos such as David, *Concertino*; Busser, *Variations in D Flat*; Sanders, *Sonata in E Flat*. Recital. Credit: One Semester Hour.

Secondary Applied—Brasses
Trombone

MUSIC 271B-272B. *Trombone.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371B-372B. *Trombone.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Brasses
Baritone Horn

MUSIC 161B-162B. *Baritone Horn.* Emphasis on tone production, embouchure development, attack and breath support; major arpeggios and scales; use of both F and G clefs. Texts: H. L.

Clarke, *Technical Studies, Series II*; Kopprasch, *Book I*; Rochut, *Book I*. Song material and solos of grades III or IV. Credit: One Semester Hour.

MUSIC 261B-262B. *Baritone Horn.* Increase of range and flexibility; minor scales and arpeggios; triple-tonguing. Texts: Saint Jacome, Blume. Selected passages from band literature. Solos of grade IV or V by Muhlfeld, Barat, Fitzgerald, or Balay. Credit: One Semester Hour.

MUSIC 361B-362B. *Baritone Horn.* Increase in velocity and dynamic range. Texts: Rochut, *Book II*; Brahms, *Etudes*; Kopprasch, *Book II*. Solos of grade V or VI by David, Vidal, Williams, or Bellstedt. Credit: One Semester Hour.

MUSIC 461B-462B. *Baritone Horn.* Texts: Schlossberg, *Daily Drills*; Rochut, *Book III*; Charlier, *Etudes*. Solos of grade V or VI including Hindemith trumpet and trombone sonatas. Recital. Credit: One Semester Hour.

Secondary Applied—Brasses
Baritone Horn

MUSIC 271B-272B. *Baritone Horn.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

MUSIC 371B-372B. *Baritone Horn.* Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Brasses
Tuba

MUSIC 161B-162B. *Tuba.* Emphasis on tone production, intonation, and breath support. Major arpeggios and scales. Texts: Vandercook, *Etudes*; Eby (complete). Typical band passages. Credit: One Semester Hour.

MUSIC 261B-262B. *Tuba.* Playing of trombone or baritone parts an octave lower; minor scales and arpeggios; extension of range; legato style. Texts: Cimera, *170 Studies*; Arban, complete; Rochut, *Book I*. Credit: One Semester Hour.

MUSIC 361B-362B. *Tuba.* Playing from cornet music for practice purposes; increased tonal focus and flexibility. Texts: Schlossberg, *Daily Drills*; Edwards-Hovey, *Book II*; Kopprasch, *Book I*; Rochut, *Book I*. Orchestral passages. Solos of grades III and IV. Credit: One Semester Hour.

MUSIC 461B-462B. *Tuba.* Velocity studies and further development of solo style. Texts: H. L. Clarke, *Technical Studies*,

Series II (for cornet); Voltman and Gower, *Selected Studies* (for cornet); Kopprasch, *Book II* (trombone). Solos of grade IV or V. Recital. Credit: One Semester Hour.

Secondary Applied—Brasses

Tuba

Music 271B-272B. *Tuba*. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Music 371B-372B. *Tuba*. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Major Applied—Percussion

Percussion

Music 161P-162P. *Percussion*. Fundamentals of snare drumming; text: Moeller, *Instructor in the Art of Snare Drumming*; Podemski, *Standard Method for the Snare Drum*; Sousa, Pryor, Goldman, *Selected March Literature*; mallet instruments; all major scales, two octaves; all minor scales, two forms, two octaves; all scales in thirds, sixths and octaves, two octaves; all major and minor arpeggios, two octaves; dominant seventh, dominant ninth, and diminished seventh arpeggios, two octaves; text: Goldenberg, *Modern Method for Mallet Instruments*. Credit: One Semester Hour.

Music 261P-262P. *Percussion*. Bass drum, cymbals, triangle, tambourine, bongo drums, maracas, claves, castagnettes, gourd, cowbell, etc.; text: Price, *Exercises for Triangle, Tambourine, and Castagnettes*; Morales, *Latin-American Rhythm Instruments*; mallet instruments; Breuer, *Daily Studies*; Gornston, *Vibraphone Studies*; Goldenberg, *Modern Method for Mallet Instruments*; fundamentals of timpani playing; text: Goodman, *Modern Method for the Timpani*. Credit: One Semester Hour.

Music 361P-362P. *Percussion*. Three and four drum studies for timpani; tuning exercises in all chromatic and enharmonic intervals; text: Goodman, *Modern Method for the Timpani*; pre-classical, classical, romantic, modern literature for timpani; mallet instruments; text: Sevcik, *Violin Studies, Book II*, advanced double stops; Flesch, *Violin Studies, Vol. I*. Credit: One Semester Hour.

Music 461P-462P. *Percussion*. Interpretation and teaching problems; orchestra literature, difficult tuning and rhythmic exercises for the timpani; difficult solos. Recital. Credit: One Semester Hour.

Secondary Applied—Percussion

Percussion

Music 271P-272P. *Percussion*. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Music 371P-372P. *Percussion*. Materials and requirements based on the student's individual need. Credit: One-half Semester Hour.

Ensemble

Music 011b-021b-031b-041b. *Band*. 012b-022b-032b-042b. *Band*. An instructional organization open to any regularly enrolled student with instrumental skills. Its purpose is to provide color and atmosphere to athletic and community events, and to promote and enhance the dignity and reputation of the college. It also provides the interested student the opportunity to become acquainted with an abundance of the best band literature. In addition, the band is composed of various small ensembles. Credit: One Semester Hour. Prerequisite: Permission of the Director.

Music 011c-021c-031c-041c. *Choir*. 012c-022c-032c-042c. *Choir*. An instructional organization open to students of the entire college that have the necessary vocal skills to qualify. Its purpose is to perform the great choral works, both sacred and secular. This organization presents several annual concerts on campus in addition to its extensive touring schedule. The choir is also composed of various small ensembles. Credit: One Semester Hour. Prerequisite: Permission of the Director.

Music 011o-021o-031o-041o. *Orchestra*. 012o-022o-032o-042o. *Orchestra*. An instructional organization open to all students, faculty and community persons interested in performing compositions of the Masters. Its purpose is to perform a large repertoire of the finest available material for orchestra. In addition, the orchestra is a laboratory orchestra for student composers and conductors. It is also composed of various small ensembles. Credit: One Semester Hour. Prerequisite: Permission of the Director.



THE LANGUAGE LABORATORY

122

DEPARTMENT OF ROMANCE LANGUAGES

The Department of Romance Languages offers courses in two languages: French and Spanish, with a major in the former only. The elementary courses are designed to give experience in the written and spoken language. Students with two years of high school language who can pass a proficiency examination in either language will not be required to take the first year course. Students majoring in French should take a minimum of 12 hours of Spanish (18 hours for Spanish Minor). A major in French will consist of twenty-four semester hours, exclusive of French 101, 102. Minors in French will complete eighteen hours, exclusive of French 101, 102.

OBJECTIVES OF THE DEPARTMENT

1. To teach the basic fundamentals of grammar, syntax, pronunciation of the foreign language so that the student will be able to read the language intelligently, and to speak and write it on an elementary level.
2. To develop interest in foreign literature through a study of the important literary masterpieces (Second Year Reading).
3. To study (in advanced courses) the language on a larger scale through increased speaking and writing activity. Greater emphasis upon the phonetic approach.
4. To increase the student's interest in the country through a study of its civilization, its great literary contributions in special periods, its cultural contributions to world civilization.
5. To give the necessary preparation to those students who may desire to do graduate study.

123

CURRICULUM
SUGGESTED MINOR: SPANISH

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 101—World Civilization	3
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Elective (General)	3	Elective (General)	3
P.Ed. 101—Orient. in P. Educ.	1/2	P.Ed. 102—Orient. in P. Educ.	1/2
	15 1/2		16 1/2

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Phy. Science	3	Sci. 202—Intro. to Phy. Science	3
Educ. 203—General Psychology	3	Educ. 222—Human Development II	3
Span. 201—Elementary Spanish	3	Span. 102—Elementary Spanish	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
P.Ed. 201—Recreational Activities	1/2	P.Ed. 202—Recreational Activities	1/2
	15 1/2		15 1/2

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
Econ. 211—Principles of Economics	3	P.Ed. 221—Health and Safety	2
Span. 201—Intermediate Spanish	3	Educ.	2
Fren. 301—Survey French Literature	3	Span. 202—Intermediate Spanish	3
Fren. 311—French Composition	3	Educ. 452—Fund. Secondary Educ.	3
Electives	3	Fren. 302—Survey French Literature	3
	18	Fren. 312—French Conversation	3
			17

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 305—Cont. Social Problems	3	Educ. 410RL—Methods Teaching Romance Languages	3
Electives—French	6	Ed. 412—Admin. P.S.	3
Span. 301—Spanish Conversation	3	Educ. 400—Supervised Teaching	8
Span. 302—Spanish Composition	3	Elective	1
	15		15

COURSE DESCRIPTION

1. **FRENCH**

FRENCH 101. Elementary French. The elements of French pronunciation, fundamentals of sentence structure, study of French grammar, vocabulary, verbs, emphasis on the aural-oral approach, with a view toward development of conversational and speaking ability. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

124

FRENCH 102. Elementary French. Continuation of French 101. More difficult phases of grammar studied. One hour per week in the Language Laboratory required of all students. Credit 3 hours. (Beginning students passing the Proficiency Test may take this course).

FRENCH 201. Intermediate French. More extensive treatment of phases or grammar, including the fifteen tenses, (in review form). Much use of pattern drills in grammar treatment. Extensive reading of French texts. Much written work required. Prerequisite: French 102 or acceptable score on Proficiency test. Credit 3 hours.

FRENCH 202. Continuation of French 201, including a mastery of conditional and subjunctive sentences. Much supplementary reading. Prerequisite: French 201. Credit 3 hours.

FRENCH 301. Survey of French Literature. A rapid survey of French Literature from its beginning through the 17th century. Readings of plays of Moliere, Racine, Corneille given much attention. Prerequisite: French 202. Credit 3 hours.

FRENCH 302. Survey of French Literature. Continuation of French 301. French Literature in the 18th, 19th, and 20th century studied, with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Maupassant, Flaubert, Loti and a few of the contemporary writers. Individual reports, individual readings constitute good portion of course. Prerequisite: French 301. Credit 3 hours.

FRENCH 311. French Composition. Emphasis upon the written word. Frequent compositions, illustrating all phases of French grammar. Prerequisite: French 202. Credit 3 hours.

FRENCH 312. French Conversation. Practice in the oral uses of French. Daily conversations on topics of interest. Prerequisite: French 202. Credit 3 hours.

FRENCH 321. French Civilization. Study of the historical background of the French nation from Charlemagne to the present. Prerequisite: French 202. Credit 3 hours.

FRENCH 401. French Literature of the 18th Century. A period course emphasizing the principal writers of the century, particularly Marivaux, Beaumarchais, Rousseau, Voltaire, Montesquieu. Prerequisite: French 302. Credit 3 hours.

FRENCH 402. French Literature of the 19th Century. An analysis of the thought and work of the principal French Romantics, particularly Hugo, de Vigny, de Musset, Lamartine. Prerequisite: French 302. Credit 3 hours.

125

FRENCH 431. French Phonetics. An analysis of separate sounds with oral practice, designed to correct the student's own pronunciation. Much laboratory work. Prerequisite: Two years of French (College).

2. SPANISH

SPANISH 101. Elementary Spanish. A course based on the aural-oral method which stresses the spoken language. Drill in pronunciation. Study of the elementary principles of the language. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

SPANISH 102. Continuation of Spanish 101. Continued drill in pronunciation and conversation. One hour per week required in Language Laboratory. Credit 3 hours. (Beginning students passing the Proficiency Test may take this course).

SPANISH 201. Review of essential principles of Spanish grammar. Conversation based on reading material of increasing difficulty. Work in composition and translation. Prerequisite: Spanish 102 or an acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 202. Intermediate Spanish. Continuation of Spanish 201. Greater emphasis upon composition and translation. Prerequisite: Spanish 201 or equivalent. Credit 3 hours.

SPANISH 301. Spanish Conversation. The object of the course is to increase, through conversation and intensive oral work, the student's ability to speak and to understand Spanish. Discussions will be based on current events, social customs, and general topics will be developed. Conducted partly in Spanish. Credit 3 hours.

SPANISH 302. Spanish Composition. Development of grammatical accuracy in writing Spanish. Writing of original compositions with stress on advanced grammar analysis and use of idiomatic expressions. Prerequisite: Spanish 202. Credit 3 hours.

DEPARTMENT OF SOCIOLOGY

This department as a part of a larger educational pattern conceives its task as developing attitudes, abilities, and skills within the social disciplines, so that those who study herein will lead richer, fuller, and more enjoyable lives and make greater contributions to society. To these ends, great emphasis is placed upon getting social insight and in regarding sociology as an exponent of the scientific method. An adequate understanding of the social structure in its development and modifications is the comprehensive purpose of this discipline. A further purpose of this field is to help individuals in making investigations and arriving at conclusions and generalizations regarding individual behavior through empirical research.

Students wishing to take sociology courses numbered three hundred and above as electives only, must have taken Sociology 201 and 202. Sociology 301-302 must be taken before other major courses in this department. For persons not taking sociology as a major field Social Change may be taken after courses 301 and 302 have been taken.

CURRICULUM in SOCIOLOGY

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours
Eng.	101—English Composition.....	3	Eng. 102—English Composition.....	3
Hist.	101—World Civilization.....	3	Hist. 101—World Civilization.....	3
Biol.	101—Life Science.....	3	Biol. 102—Life Science.....	3
Eduo.	100—Freshman Orientation.....	0	Educ. 100A—Social Life.....	1
P.Ed.	101—Orientation in P.Ed.....	½	P.Ed. 102—Orientation in P.Ed.....	½
Fren.	101—Elementary French.....	3	Fren. 102—Elementary French.....	3
Math.	101—College Algebra.....	3	Educ. 203—General Psychology.....	3
				16½

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours
Eng.	211—Intro. to Literature.....	3	Eng. 212—Intro. to Literature.....	3
Soc.	201—Intro. to Soc. Sci.....	3	Soc. 202—Intro. to Soc. Sci.....	3
Sci.	201—Intro. to Phy. Sci.....	3	Sci. 202—Intro. to Phy. Sci.....	3
Eduo.	221—Human Dev. & Psych. I 3		Educ. 222—Human Dev. & Psych. II 3	
P.Ed.	201—Recreational Activities.....	½	P.Ed. 202—Recreational Activities.....	½
Fren.	201—Intermediate French.....	3	Fren. 202—Intermediate French.....	3
				15½

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours
Soc.	301—Intro. to Sociology.....	3	Soc. 308—Social Statistics.....	3
Econ.	211—Principles of Economics.....	3	Soc. 305—Contemporary Social.....	3
Soc.	303—Cultural Anthropology.....	3	Electives —.....	9-11
Soc.	102—Principles of Geography.....	3		
Electives	—.....	3-5		
				15-17

SENIOR YEAR

	First Semester	Hours	Second Semester	Hours
Soc.	342—Social Disorganization.....	3	Soc. 423—Criminology.....	3
Soc.	401—Social Psychology.....	3	Soc. 431—Social Change.....	3
Soc.	403—Intro. to Social Work.....	3	Soc. 441—Marriage.....	3
P.Ed.	221—Health & Safety Educ.....	2	Electives —.....	6-8
Electives	—.....	4-5		
				15-16

**CURRICULUM
in
SOCIAL SCIENCES**

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
P.Ed. 101—Orientation in P. Ed.	1/2	P.Ed. 102—Orientation in P. Ed.	1/2
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Soc. 102—Prin. of Geography	3	Soc. 211—Geography of N. America	3
	15 1/2		16 1/2

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 201—United States History	3	Hist. 202—United States History	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Educ. 203—Gen. Psychology	3	Educ. 222—Human Dev. & Psych. II	3
Sci. 201—Intro. to Phy. Science	3	Sci. 202—Intro. to Phy. Science	3
P.Ed. 201—Rec. Activities	1/2	P.Ed. 202—Rec. Activities	1/2
	15 1/2		15 1/2

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 301—Intro. to Sociology	3	Soc. 305—Contemporary Soc. Prob.	3
Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
Econ. 211—Principles of Economics	3	Econ. 312—Principles of Economics	3
P.S. 311—American Government	3	P.S. 312—American Government	3
P.Ed. 221—Health and Safety	2	Educ. 452—Fund. of Sec. Educ.	3
Electives	3	Elective	3
	17		18

COURSE DESCRIPTION

Sociology 102. Principles of Geography. The basic principles underlying the science of geography and the human use of resources; the earth's form and movements, climate, land forms, the ocean, soils, vegetation, and minerals. Credit 3 hours.

Sociology 201-202. An Introduction to the Social Sciences. This is a survey course, the aim of which is to introduce students to that branch of knowledge which is labeled Social Sciences. A

swift anthropological survey of the long past is made as a means of establishing an orientation. The setting in which plural living develops is investigated. An analysis of the basic elements of society is made and the essentials of social organization are shown. Illustrative social tensions are examined and some of the dynamic factors in social change are studied. Credit 3 hours for each course.

Sociology 211. Regional Geography: North America. A regional study of the North American continent, with emphasis on the larger geographical regions within the borders of the United States, Alaska, and Hawaii. Attention is given (1) the natural resources, (2) economic activities of habitants, (3) significant locational features of each region studied, and (4) the importance of human relations to nature. Prerequisite: Geography 102. Credit 3 hours.

Sociology 301-302. Introduction to Sociology. Emphasis is placed upon social relationships as the focus in sociology. The nature of society is investigated. The approach is conceptual. The essential concepts for society analysis are clarified so as to give precision of scientific reference. The psychological foundation of social relationship, the fundamental sociological question, and the relation of individuality to sociality will be set forth. The outer conditions on which social life depends and the nature of that dependence will be considered. An analysis of the social structure will be made in terms of the forces which sustain the structure. Prerequisites: Sociology 201-202. Credit 3 hours for each course.

Sociology 303. Cultural Anthropology. This course is designed to acquaint the student with the basic social processes in the universal cultural behavior of the man animal irrespective of time or place, and to point out some of the main relationships between culture and personality. Emphasis is placed upon learning about the new team approach to the investigation of the science of man. Credit 3 hours.

Sociology 304. Minority Groups. The primary aim of this course is to present the objective analysis of race and ethnic groups. The main units covered are designed to explain the meaning and status of minorities, minority peoples, racial and cultural conflicts, attitudes and social values, and the emerging trends toward a cultural democracy in world society. Credit 3 hours.

Sociology 305. Contemporary Social Problems. This is a course in critical thinking applied to social problems. The course requires a broad understanding of society, the interrelationships of social structures and institutions, and the impact of dislocations among these forces: upon groups, as well as upon society as a whole. Students work toward understanding and analyzing the nature of the problems created and possible adjustments, allevia-

tions, or other dispositions of them. Prerequisites: History 101-102, Sociology 201-202. Credit 3 hours.

SOCIOLOGY 308. Introductory Statistics. Introduction to the logic and use of statistics as a method of analyzing sociological problems. Lecture and laboratory. Credit 3 hours.

SOCIOLOGY 309. Introduction to Philosophy. This course is planned to introduce the student to basic philosophical problems. The relations of philosophy to common sense, science, and religion are emphasized. At least one philosophical classic is required to be presented in detail to the class by each student. A cross-sectional symposium is participated in. Credit 3 hours.

SOCIOLOGY 310. Logic. A study of the basic intellectual tools associated in the processes of learning and knowing. The aim is to demonstrate the cogency of elementary forms of thought to philosophical and scientific knowledge in general. Prerequisite: 3 hours in philosophy. Credit 3 hours.

SOCIOLOGY 311. Regional Geography: South America. A regional analysis on the continental basis with treatment of the physical, cultural, and economic characteristics; emphasis upon the potentials for the expansion of settlements, resources and industries. Special attention to the relationships of this continent to North America and the other continents. Prerequisites: Geography 102 and Geography 211. Credit 3 hours.

SOCIOLOGY 331. Rural Sociology. An introduction to the theories, principles and practices in rural society as a basis toward analyzing any society. Emphasis upon variables and similarities with respect to total society. Methods and techniques for the investigation of rural life and from that springboard the investigation of urban life as well. Credit 3 hours.

SOCIOLOGY 342. Social Disorganization. The forms of deviant social behavior, theories of deviant social status and corresponding methods of treatment. Credit 3 hours.

SOCIOLOGY 343. Juvenile Delinquency. In this course consideration is given to crime causation and methods of punishment as a background for the study of juvenile delinquency. Emphasis is placed upon factors of causation as revealed through personal, family, and community situations conditioning delinquent behavior. Critical examination is made of current methods of dealing with juvenile offenders and programs for the prevention of delinquency. Prerequisites: Sociology 301-302. Credit 3 hours.

SOCIOLOGY 350. Urban Sociology. The examination of urban social processes, cogent data on the details of the complex array of peoples, the emergence of leadership, the structure of authority;

differentiations between urban social institutions and urban mechanical institutions; the causative contributions to rapid social change in the urbanization-disorganization schemata; and the trend toward urbanization. Prerequisite: Sociology 301-302. Credit 3 hours.

SOCIOLOGY 360. World Religions. A study of the major religions of the world using the historical, cultural and comparative approaches. An analysis of the forces of religion in social control. Credit 3 hours.

SOCIOLOGY 401. Social Psychology. A study of the individual in the group situation. The social functions of language, the problems of the variations among human beings, the psychological interaction and personality developments are major topics which form the content of this course. Credit 3 hours.

SOCIOLOGY 403. Introduction to Social Work. This is a pre-professional course. It is designed to develop an introductory appreciation of the history, development and treatment skills of social technology. It explains the various requirements for entrance and training in professional social work. Case studies and field trips. Prerequisite: 9 major hours in Sociology. Credit 3 hours.

SOCIOLOGY 423. Criminology. A study of general knowledge as to crime and delinquency, of comparative theories as against practices, with special units on the professional criminal and "white collar" crimes. An introduction of the several departures in the treatment of special forms of deviant behavior. Field trips. Face-to-face seminars with prison inmates. Credit 3 hours.

SOCIOLOGY 431. Social Change. Open to seniors only. An analysis of the social structure and its modifications through time as an on-going complex of changes. Identification and description of the relationships between the biophysical, the cultural and the technical orders with respect to mankind. This course is in the nature of a seminar, in which advanced students must develop units independently and a defense of the same. Cross seminar experiences with advanced students in other colleges are encouraged. Field trips. Credit 3 hours.

SOCIOLOGY 441. Marriage. This course is designed for those who are preparing for marriage and for the married who are concerned with achieving a higher level of happiness and success in their marriage. The purpose of the course is to present scientific knowledge which exists about mate selection, the courtship process, and the adjustment problems of marriage. The history of the family and of marriage through time is considered in order that

students may appreciate the course of the family as an institution and the impact of modern society upon it. Among the topics to be considered are: Meaning of successful marriage, analysis of the courtship process, analysis of marriage adjustments. Seminars will provide for formal presentation of research in which the class will serve as the critical audience. Prerequisites: Sociology 201-202 and senior class status. Credit 3 hours.

132

MILITARY RESERVE PROGRAM

While Kentucky State College does not have a regular ROTC or NOTC program, its students may participate in the United States Army Reserve Program. To all 18 year old male students the program is open. Male students 17 years old may participate with the consent of their parents.

Meetings of the Reserve are held at the College on the first and third Mondays of each month. Each member of the Reserve is paid one day's pay for each unit meeting he attends. All required uniforms and equipment are issued free of charge by the United States Army.

At present there are two companies of the 100th Infantry Division (Reserve) located at the College. Reservists are given training in various military tactics, weapons, military justice, and other phases of military life. Active duty training is required of all Reservists. Members of the units are required to train annually for a two week period at an Army base. This training period begins on August 15, and ends August 29, each year. During the summer training period, each man has the same privileges of any other serviceman. Each man is paid a full two week's pay according to rank.

Since every able-bodied young man is now subject to the draft, there are several advantages to be derived from joining a Reserve unit. Some of these are:

1. Time spent in the Reserve is deducted from the eight-year obligation of military service now faced by each able-bodied young man.
2. Each Reservist is paid one day's pay for each unit meeting he attends.
3. When called for induction a Reservist may apply for active duty in his Reserve rank or grade. Reservist may be promoted as high as the rank of Master Sergeant. Thus, while Reserve training does not exempt anyone from the draft, it does prepare a young man for active duty and gives him a definite head start on the man who has not had Reserve unit training.
4. The Army Reserve Program is part of the American defense plan to prepare men to be ready to defend the country at any time.

The Military Reserve Program is part of the regular college Credit one-half hour each semester. Reservists follow the same academic programs as other students and may qualify for graduation in the same time required by those not in the Reserve.

133

**REGIONAL EDUCATION PLAN
in VETERINARY MEDICINE for
RESIDENTS of KENTUCKY**

Since there is no college or university in the State of Kentucky which offers training in Veterinary Medicine, the State, through the Regional Education Plan, has made it possible for a limited number of qualified youth of Kentucky to enroll in the approved School of Veterinary Medicine at Tuskegee Institute, Tuskegee Institute, Alabama.

Under this plan the State pays Tuskegee Institute the equivalent of the out-of-state fee. Thus, the student from Kentucky will have to pay only the small fee usually paid by a resident of the State of Alabama.

To enter the School of Veterinary Medicine at Tuskegee Institute, a student must have completed a two-year, pre-veterinary program, or its equivalent. This must include the courses basic to the study of Veterinary Medicine.

Interested students should write the Registrar of Tuskegee Institute or the Dean, School of Veterinary Medicine at Tuskegee, for course requirements and other details.

After certification the approved applications will be sent to Tuskegee Institute and the necessary "Permit to Register" will be mailed to the applicant.

Trained Veterinarians are needed in every section of the country and in many fields of endeavor. Veterinary Medicine leads to careers in the following: Private Practice, food inspector, college instructor, stock farm manager, animal disease, control officer, supervisor of field, regulatory work, army service, and research.

Tuskegee Institute offers a six-year course leading to the degree of Doctor of Veterinary Medicine.

The first two years are pre-professional and the required work is offered through the major in General Science. In addition, candidates should take the required work in Animal Science in the Department of Agriculture.

The professional curriculum is offered by the School of Veterinary Medicine. It requires four years of specialized study.

Applicants for the four-year professional course must have earned 60 semester hours of credit, above high school, with a grade of "C" or better. These credits must have been earned in the following subjects:

	Sem. Hrs.
ENGLISH	12
PHYSICAL SCIENCE:	
a. Chemistry (General, Qualitative Analysis and Organic)	12
b. Physics—(one year)	6
BIOLOGICAL SCIENCE:	
a. Zoology, (General, Comparative Vertebrate Anatomy)	8
b. Embryology	2
c. Genetics	2
d. Botany	2
ANIMAL SCIENCE:	
a. Elements of Animal Husbandry	2-3
b. Poultry Husbandry	2-3
ELECTIVES	12
Group I —Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.	
Group II —Political Science, Economics, History and Sociology.	
Group III—Mathematics, Algebra, Trigonometry and Statistics.	
Group IV—Livestock judging and Free Electives.	
Also, applicants in possession of Bachelor degrees in agriculture, chemistry, or biological sciences (including pre-med.) who have completed the requirements for these degrees with an accumulative grade point average in excess of "C" or its equivalent shall be considered AT THE DISCRETION OF THE COMMITTEE ON ADMISSIONS IN THE SCHOOL OF VETERINARY MEDICINE for admission to the professional curriculum in Veterinary Medicine. Upon recommendation of the Committee on Admissions, stated prerequisite courses which individuals have not completed shall be waived and the applicant admitted to the professional curriculum. In no case may applicants be considered favorably under the above conditions who have not completed a course in Organic Chemistry.	
Students who wish to complete requirements for a degree before entering upon this cooperative program, may take the following program.	

BIOLOGY—VETERINARY MEDICINE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P. Ed. 101—Orientation in P. Ed.	1½	P. Ed. 102—Orientation in P. Ed.	1½
Ed. 100—Freshman Orientation ..	0	Ed. 100A—Social Life	1
	<hr/> 16½		<hr/> 17½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211 Intro. to Literature	3	Eng. 211 Intro. to Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Biol. 211—Genetics	3	Biol. 212—General Botany	3
Ed. 221—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
P. Ed. 201—Recreational Act.	1½	P. Ed. 202—Recreational Act.	1½
	<hr/> 16½		<hr/> 16½

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 201—Public Speaking	2	Soc. 202—Intro. Social Science	3
Sci. 211—Physics	4	Biol. 302—General Bacteriology	3
Biol. 301—Gen. Human Physiology	4	Biol. 304—Vertebrate Embryology	4
Biol. 303—Vertebrate Anatomy	4	Sci. 212—Physics	4
Soc. 201—Intro. Social Science	3	Elective	3
	<hr/> 17		<hr/> 17

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 401—Entomology	4	Agr. 104—Farm Poultry	4
Agr. 103—Farm Animals	4	Chem. 202—Organic Chemistry	4
Chem. 201—Organic Chemistry	4	Electives	7
P. Ed. 221—Health Education	4		
	<hr/> 16		<hr/> 15

136

MEDICAL TECHNOLOGY CURRICULUM

Students who successfully complete this curriculum are awarded the Bachelor of Science degree in Medical Technology. This curriculum combines a minimum of three years of college work at Kentucky State College with twelve calendar months of satisfactory technical training at the Lexington Clinic, Lexington, Kentucky. All graduation requirements for the Bachelor's Degree at Kentucky State must be met before work is begun at the Clinic.

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Ed. 100—Freshman Orientation ..	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1½	P. Ed. 102—Orientation in P. Ed.	1½
	<hr/> 17½		<hr/> 18½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211 Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Eng. 203—General Psychology	3	Elective	3
French 101—Elementary French	3	French 102—Elementary French	3
Biol. 305—Microtechnique & Histology	4	Biol. 302—General Bacteriology	3
Chem. 203—Gravimetric Analysis	4	Chem. 204—Volumetric Analysis	4
P. Ed. 201—Recreational Activities	1½	P. Ed. 202—Recreational Activities	1½
	<hr/> 17½		<hr/> 16½

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Biol. 301—General Human Physiology	4	Biol. 304—Vertebrate Embryology	4
Sci. 211—General Physics	4	Sci. 212—General Physics	4
French 201—Intermediate French	3	French 202—Intermediate French	3
Chem. 201—Organic Chemistry	4	Chem. 202—Organic Chemistry	4
	<hr/> 18		<hr/> 18

SENIOR YEAR

Offered at the Lexington Clinic.

137

EXTENSION INSTRUCTION

PURPOSE

Kentucky State College through extension instruction seeks to provide study for adults who have not pursued all or part of a college curriculum, or having had a part of it, desire to continue such a curriculum.

THE CURRICULUM. The courses offered in extension differ little, if at all, from those required of the regular students of the college. The general rule is to offer through extension only what is found in the general program of the college, especially if credit toward a degree is involved.

THE FACULTY. The ordinary practice is to engage members of the regular teaching staff for extension instruction on the basis of additional compensation.

TEXTBOOKS. Usually the ordinary college textbooks are used for extension classes, but occasionally there is a substitution of a textbook in which the materials are given a more popular or less technical treatment.

PROCEDURE. It is understood that extension classes are to meet at times and places most convenient for the students and instructors, such places to be furnished by the extension students. Certain classes may be held on the college campus without additional cost to the students.

FEES AND CREDIT. The extension student enrolls separately for each course he wishes to pursue, and pays for it as a unit. Credit is based on an hour for hour plan as in residence, and extension classes must conform as nearly as practicable to the semester organization of the institution. The general tuition fee is \$22.50 for one semester hour. The minimum total tuition fees collected from any one extension class is \$150.00. Each student when enrolling must pay a \$5.00 registration fee. Extension credits are recorded in the office of the College Registrar. Fees are payable at the organization meeting of the class. In no case may a class meet the third time until the entire class payment is made. No fees will be refunded.

EXAMINATION. Final examinations are always required where credits or certificates are sought.

APPLICATION FOR EXTENSION CLASSES. All correspondence pertaining to the organization of extension classes should be addressed to the Dean of the College.

CORRESPONDENCE COURSES

Kentucky State College cooperates with the University of Kentucky (Lexington) in offering extension and correspondence courses. For further information write "The Department of University Extension, University of Kentucky."

GOVERNMENT AND CONTROL

Under the provision of legislation enacted by the 1956 General Assembly of Kentucky, the control of Kentucky State College is vested in a Board of Regents. This Board is composed of the State Superintendent of Public Instruction, elected for a term of four years, and six lay members, appointed by the Governor for overlapping four-year terms.

BOARD OF REGENTS

HARRY M. SPARKS, Superintendent of Public Instruction
Chairman

Dr. VINCENT A. BARR, Frankfort
Term expires March 31, 1967

Dr. H. WARD JACKSON, Frankfort
Term expires March 31, 1967

LOUIS H. McHENRY, Hopkinsville
Term expires March 31, 1966

RAY MOSS, Pineville
Term expires March 31, 1964

HOMER E. NUTTER, Lexington
Term expires March 31, 1965

JOHN FRED WILLIAMS
Term expires March 31, 1968

The external government and control of the college is vested in the Board of Regents. The said Board shall adopt such rules and regulations for the government of the school and guidance of the employees as it may deem proper.

THE PRESIDENT OF THE COLLEGE

Immediate executive control of the college is effected through the president, the executive agent appointed by the Board. Subject to the control of the Board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

THE EXECUTIVE COUNCIL AND INSTRUCTIONAL FACULTY

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty. The Executive Council consisting of the president, dean and registrar, business manager, dean of students, librarian, deans of men and women, and five members elected by the general faculty, exercises jurisdiction over cases of discipline and formulates all general policies of the college, other than matters purely of an academic nature. The Executive Council is the highest internal governing body of the college.

The Instructional Faculty, consisting of the president, dean and registrar, heads of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

GENERAL ADMINISTRATION

CARL M. HILL

B. S., Hampton Institute; M. S., Cornell University, Ph. D., Cornell University. Kentucky State College, 1962—*President*

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—*Dean and Registrar*

ALFRED W. EASON

A. B., Clark College; M. S., Indiana University; Special Study, University of Omaha; Advanced Study, Indiana University. Kentucky State College, 1948—*Business Manager*

CATHERINE B. GORDON

A. B., Louisville Municipal College; M. S., New York School of Social Work—Columbia University; Advanced Study, University of Colorado. Kentucky State College, 1963—*Assistant Professor, Department of Sociology, and Counselor of Women Students.*

WILLIAM J. GORDON

B. A., A. & T. College; M. Ed., Atlanta University; Advanced study, University of Colorado and New York University. Kentucky State College, 1963—*Assistant Professor, Department of Education-Psychology, Counselor of Men Students, and Director of Atwood Hall.*

ANN JACKSON HEARTWELL HUNTER

A. B., University of Illinois; M. A., Columbia University; Advanced Study, Northwestern University, University of Cincinnati, and University of Louisville. Kentucky State College, 1933-42; 1947—*Dean of Students*

WILLIAM WARREN JONES

B. S., Johnson C. Smith University; M. S., Cornell University; Advanced Study, University of Michigan and Indiana University. Kentucky State College, 1929—*College Chaplain*

ELLA B. SCOTT KING

B. S., Kentucky State College; Graduate Study, University of Kentucky. Kentucky State College, 1947—*Assistant Business Manager-Accountant*

JAMES F. McCLELLAN
B. S., Tennessee A. & I. State University; B. D., Howard University; M. A., Teachers College, Columbia University; Ed. D., Teachers College, Columbia University. Kentucky State College, 1963—
Professor, Department of Education-Psychology, and Assistant to the Dean of Students.

JAMES R. O'ROURKE
A. B., Talladega College; B. L. S., Atlanta University; M. S. L. S., University of Kentucky. Kentucky State College, 1949—
Librarian

A. J. RICHARDS
A. B., State University of Iowa; M. A., State University of Iowa; Ph. D., University of Iowa. Kentucky State College, 1929—
Assistant Registrar

ARCHIE L. SURRETT
B. S., A. M. & N. College; M. S., Michigan State University; Advanced Study, Michigan State University and University of Kentucky. Kentucky State College, 1948—
Instructor, Department of Biology; Assistant to the Director of Atwood Hall

MARGARET R. BAKER
B. S., Winston-Salem Teachers College; Ed. M., North Adams Teachers College; Advanced Study in Library Science, Syracuse University. Kentucky State College, 1952—
Library Assistant

LUCILLE BATES
B. S., Alabama A. & M. College. Kentucky State College, 1963—
Clerk-Typist, Office of Dean and Registrar

CATHERINE B. DAILEY
B. S., Wilberforce University; Graduate Study, University of Chicago. Kentucky State College, 1960—*Director of Kentucky Hall*

CHARLES G. DOUTHITT
B. S., Kentucky State College. Kentucky State College, 1957—
Assistant Superintendent, Department of Operation and Maintenance; Supervisor of Grounds and Roads

HETTIE J. ELLIS
A. B., Simmons University. Kentucky State College, 1952—
Director of Chandler Hall

ANITA MAE FIELDS
A. B., Kentucky State College; M. S., Indiana University. Kentucky State College, 1929-43; 1948—
*Recorder, Placement Director
Office of the Dean and Registrar*

GLORIA W. GILES
B. A., Maryland State College; Graduate Study, Drexel Institute Library School. Kentucky State College, 1959—
Library Assistant

WILLIAM H. GOODWIN
A. B., Kentucky State College; Graduate Study, Indiana University. Kentucky State College, 1956—
Director of Public Relations

ODESSA GREEN
A. B., Kentucky State College; Graduate Study, University of Kentucky; Special Study, Atlanta University. Kentucky State College, 1952—
Asst. Director of McCullin Hall and Part-time Director of Kentucky Hall

EVELYN HACKETT
R. N., Red Cross Hospital, Louisville. Kentucky State College, 1961—
Registered Nurse

HAROLD H. HOGAN
B. S., Kentucky State College. Kentucky State College, 1958—
Superintendent, Department of Operation and Maintenance

PATRICIA MILLION JACOBS
Certificate, Fugazzi Business School. Kentucky State College, 1964—
Secretary to the Director of Food Services

BARBARA J. LESTER
Diploma, West Kentucky Vocational School. Kentucky State College 1959-61; 1963—
Processing Clerk, Business Office

PEGGY M. LEWIS
B. S., Kentucky State College. Kentucky State College, 1962—
Secretary to the Dean of Students

LOIS McCLELLAN
B.S., Jackson State College. Kentucky State College, 1964—
Assistant Director of Food Services

PATRICIA MILLION
Diploma, Woodrow Wilson Vocational High School. Kentucky State College, 1963—
Receptionist-Clerk, Business Office

MARY E. OGLESBY
Attended Hampton Institute and Kentucky State College; Special Study, Atlanta University. Kentucky State College, 1957—
Asst. Director of Atwood Hall

JOYCE PORTERFIELD
B. S., Kentucky State College. Kentucky State College, 1961—
Clerk-Typist, President's Office

VIVIAN A. RAINES
B. S., Kentucky State College; Graduate Study, Indiana University; Dietitian of the American Dietetic Association. Kentucky State College, 1953—
Director of Food Services

JAMES W. REED
Certificate, St. Helena Commercial College. Kentucky State College, 1955—
Cashier, Business Office

ALLIE MAE RICHARDS
A. B., Kentucky State College. Kentucky State College, 1945—
Part-time Director of Chandler Hall and Student Union Assistant

ALMA ALLEN RICHARDSON
B. S., University of Colorado. Kentucky State College, 1945—
Secretary of Duplication

BARBARA A. ROBINSON
B. S., Kentucky State College. Kentucky State College, 1961—
Secretary to Superintendent, Department of Operation and Maintenance

DR. JACK D. SALISBURY
D. M. D., University of Louisville; Certificates, Blue Grass Dental Society and Symposium on Clinical Hypnosis. Kentucky State College, 1959—
School Dentist

ELIZABETH SAMUELS
R. N., Providence Hospital. Kentucky State College, 1957—
Registered Nurse

WILLIAM T. SIMMONS
B. S., Kentucky State College. Kentucky State College, 1948—
Executive Secretary to the President

CLARA W. SMITH
B. S., Tennessee State University. Kentucky State College, 1945-56; 1962—
Secretary to the Dean and Registrar

DR. WILLIAM S. SNYDER, JR.
A. B., College of William and Mary; M. D., University of Chicago; Master of Surgery, University of Pennsylvania. Kentucky State College, 1954—
School Physician

ANNA C. SURRETT
B. S., Hampton Institute; Graduate Study, Michigan State College. Kentucky State College, 1953—
Manager, Bookstore

LULLENE P. TAYLOR
Kentucky State College, 1961—
Cafeteria Hostess, Department of Food Services

ZUELIA S. WAITERS
Attended Kentucky State College. Kentucky State College, 1953—
Clerk-Typist, Office of the Dean and Registrar

WILLIE WATKINS
B. S., Southern University. Kentucky State College, 1962—
Accounts Clerk, Business Office

LILLIAN T. WRIGHT
B. S., Alabama State Teachers College; M. S., Library Service, Atlanta University. Kentucky State College, 1949—
Assistant Librarian

FACULTY

CARL M. HILL

B. S., Hampton Institute; M. S., Cornell University, Ph. D., Cornell University. Kentucky State College, 1962—
President; Professor, Department of Chemistry

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—
Dean and Registrar; Professor, Department of History and Political Science

ALEXANDER, LLOYD E.

B. S., University of Michigan; M. S., University of Michigan; Ph. D., University of Rochester; Post-Doctoral Study, University of Wisconsin. Kentucky State College, 1949—
Professor and Head, Department of Biology

HARRY B. BAKER

A. B., Oberlin College; B. M., Syracuse University; Graduate Study, Syracuse University. Kentucky State College, 1948—
Assistant Professor, Department of Music

CHARLES BATES

B. S., Alabama A. & M. College; Graduate Study, New York University. Kentucky State College, 1963—
Assistant Football

CHARLOTTE E. WILSON BLACK

A. B., Knoxville College; M. A., Teachers College, Columbia University; Advanced Study, Teachers College, Columbia University, University of Chicago, and University of California. Kentucky State College, 1935—
Assistant Professor, Department of Education-Psychology

ROSAIRENE J. BLACK

A. B., Kentucky State College; M. A., Atlanta University; Advanced Study, University of Kentucky. Kentucky State College, 1958—
*Critic Teacher of Upper Grades
Rosenwald Laboratory School*

MAZIE BOCLAIR

A. B., Kentucky State College; M. S. in Education, University of Kentucky; Advanced Study, University of Cincinnati, University of Louisville, and University of Kentucky. Kentucky State College, 1954—
*Critic Teacher of Primary Grades
Rosenwald Laboratory School*

A. RUSSELL BROOKS

B. A., Morehouse College; M. A., University of Wisconsin; Graduate Study, University of Edinburgh; Ph. D., University of Wisconsin. Kentucky State College, 1960—
Professor and Head, Department of English

VIRGINIA A. BROOKS

A. B., Talladega College; M. P. H., University of Michigan; M. A., New York University; Advanced Study, University of Kentucky. Kentucky State College, 1960—
Instructor, Department of Health and Physical Education

JAMES B. BROWN

A. B., Lincoln University; A. M., Columbia University; Advanced Study, University of Chicago and Indiana University. Kentucky State College, 1948—
Associate Professor, Department of Chemistry

ARCHIE L. BUFFKINS

B. S., Jackson State College; M. A., Teachers College, Columbia University; Ed. D., Teachers College, Columbia University. Kentucky State College, 1963—
Associate Professor and Head, Department of Music

HENRY E. CHEANEY

A. B., Kentucky State College; A. M., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1936—
Professor, Department of History and Political Science

ORA MAE CHEANEY

B. S., Kentucky State College; M. S., Indiana University; Advanced Study, University of Kentucky. Kentucky State College, 1957—
Instructor, Department of Home Economics

RUBY F. DIXON

B. S., Prairie View A. & M. College; M. A., University of Kentucky; Advanced Study, University of Kentucky. Kentucky State College, 1948—
Instructor, Department of Music

WILLIAM L. DIXON

B. S., Morehouse College; M. S., Atlanta University; Special Study, University of Kansas; Advanced Study, State University of Iowa and Purdue University. Kentucky State College, 1944—
Associate Professor, Department of Biology

HELEN C. EXUM

A. B., Talladega College; A. M., University of Michigan; Advanced Study, University of Wisconsin, University of Oklahoma, and University of Kentucky. Kentucky State College, 1952—
Instructor, Department of Romance Languages

WILLIAM EXUM

B. S., University of Wisconsin; M. S., University of Wisconsin;
Ed. D., New York University. Kentucky State College, 1949—
*Professor and Head, Department of
Health and Physical Education*

JOSEPH G. FLETCHER

B. S., Hampton Institute; A. M., Cornell University; Advanced
Study, Columbia University, Hampton Institute, and University of
Kentucky. Kentucky State College, 1945—
Associate Professor, Department of English

WINONA LEE FLETCHER

A. B., Johnson C. Smith; M. A., State University of Iowa;
Advanced Study, University of Kentucky and Indiana University.
Kentucky State College, 1953—
Assistant Professor, Department of English

BROOKS GILES, JR.

B. S., Maryland State College; M. A., Ohio State University;
Advanced Study, Ohio State University. Kentucky State College,
1958—
Instructor, Department of Industrial Arts

CATHERINE GORDON

A. B., Louisville Municipal College; M. S., New York School
of Social Work, Columbia University; Advanced Study, University
of Colorado. Kentucky State College, 1963—
*Assistant Professor, Department of Sociology, and
Counselor of Women Students*

WILLIAM J. GORDON

B. A., A. & T. College; M. Ed., Atlanta University; Advanced
Study, University of Colorado and New York University. Kentucky
State College, 1963—
*Assistant Professor, Department of Education-Psychology
Counselor of Men Students, and Director of Atwood Hall.*

HENRY A. GREEN

B. M., West Virginia State College; A. M., West Virginia Uni-
versity; Advanced Study, University of Kentucky. Kentucky State
College, 1948—
Assistant Professor, Department of Music

EMILIE S. HIGH

B. S., Tuskegee Institute; M. A., Ohio State University; Ad-
vanced Study, Ohio State University. Kentucky State College, 1954—
*Instructor, Teacher-Trainer, and Acting Head
of Department of Home Economics*

MINNIE JOHNSON HITCH

A. B., Kentucky State College; M. A., Ohio State University;
Advanced Study, University of Chicago. Kentucky State College,
1939—
Principal of Rosenwald Laboratory School

HELEN F. HOLMES

A. B., Bucknell University; M. A., Columbia University; Ad-
vanced Study, Ohio State University and New York University.
Kentucky State College, 1943—
Associate Professor, Department of English

ANN JACKSON HUNTER

A. B., University of Illinois; M. A., Columbia University; Ad-
vanced Study, Northwestern University, University of Cincinnati
and University of Louisville. Kentucky State College, 1933-42;
1947—
Associate Professor, Department of Education-Psychology

WALTER B. HUNTER**

B. A., New York University; M. A., New York University; Ad-
vanced Study, New York University and University of Kentucky.
Kentucky State College, 1959—
Assistant Professor, Department of English

MILDRED JACOBS

A. B., Kentucky State College. Kentucky State College, 1962—
*Critic Teacher of Primary Grades
Rosenwald Laboratory School*

EVELYN LAWLAH JOHNSON

A. B., Talladega College; A. M., University of Michigan; Ed. D.,
Stanford University. Kentucky State College, 1959—
Professor and Head, Department of Sociology

WILLIAM WARREN JONES

B. S., Johnson C. Smith University; M. S., Cornell University;
Advanced Study, University of Michigan and Indiana University.
Kentucky State College, 1929—*Associate Professor and Acting Head,
Department of Mathematics and Physics*

RUTH M. KING

B. S., Kentucky State College; Graduate Study, Michigan State
College. Kentucky State College, 1962—
Clothing Instructor, Department of Home Economics

JAMES LATIMER

B. S., New York University; M. A., Teachers College, Columbia
University; Ph. D., University of London; Post-Doctoral Study,
Columbia University and Princeton University. Kentucky State
College, 1961—
*Professor and Director of Testing, Department
of Education-Psychology*

BERNICE E. LOTT

A. B., M. A., Ph. D., University of California, Los Angeles; Spe-
cial Education Certificate for Teaching the Mentally Retarded, Uni-
versity of Redlands. Kentucky State College, 1958—
Part-time Associate Professor, Department of Education-Psychology

**On Leave.

JAMES F. McCLELLAN, JR.

B. S., Tennessee A. & I. State University; B. D., Howard University; M. A., Teachers College, Columbia University; Ed. D., Teachers College, Columbia University. Kentucky State College, 1963—
Professor, Department of Education-Psychology, and Assistant to the Dean of Students

ETHEL L. McCLENDON

B. S., North Carolina College; Special Study, Adelphi School of Social Work, Garden City, New York; M. S., Tennessee A. & I. State University. Kentucky State College, 1963—
Assistant Professor, Department of Sociology

JOHN B. McCLENDON, JR.

B. S., University of Kansas; M. A., University of Iowa. Kentucky State College, 1963—
Professor, Department of Health and Physical Education and Head Basketball Coach

LEOLA E. MADISON**

B. S., Hampton Institute; M. A., Marshall College; Advanced Study, University of Wisconsin, West Virginia University and Indiana University. Kentucky State College, 1958—
Instructor, Department of Business Administration—Economics

PAUL J. MANLY

B. S., A. M. and N. College, Arkansas; M. A., Michigan State College; Advanced Study, Michigan State College. Kentucky State College, 1944—
Assistant Professor, Department of Education-Psychology

JOHN F. MATHEUS

A. B., Western Reserve University; A. M., Teachers College, Columbia University; Advanced Study, La Sorbonne, Paris, France, and University of Chicago. Kentucky State College, 1962—
Visiting Lecturer, Department of Romance Languages

EDDIE S. MEADOWS

B. S., Tennessee A. & I. State University; M. S., University of Illinois. Kentucky State College, 1963—
Instructor, Department of Music, and Assistant Band Director

GEORGE W. MORTON

A. B., Atlanta University; M. A., Columbia University; Advanced Study, Columbia University. Kentucky State College, 1963—
Associate Professor, Department of English

**On Leave.

VIRGINIA M. O'LEARY

B. A., University of Louisville; M. Ed., University of Louisville; Advanced Study, University of Louisville; Special Study, University of Louisville School of Law. Kentucky State College, 1963—
Instructor, Department of English

HERBERT E. OLIVERA

B. S., Kentucky State College; M. A., New York University; Advanced Study, New York University, University of Oregon, and Harvard University. Kentucky State College, 1955-60; 1962—
Associate Professor, Department of Business Administration-Economics

EUGENE D. RAINES

B. S., Howard University; M. A., Fisk University; M. A., Indiana University; Ph. D., Indiana University. Kentucky State College, 1938—
Professor and Head, Department of Chemistry

ARDENIA A. RAMBEAU

A. B., Tennessee A. & I. State University; Special Study, Laval University, Quebec, Canada, and La Sorbonne, Paris, France; M. A., Northwestern University. Kentucky State College, 1963—
Instructor, Department of Romance Languages

A. J. RICHARDS

A. B., State University of Iowa; A. M., State University of Iowa; Ph. D., State University of Iowa. Kentucky State College, 1929—
Professor and Head, Department of Romance Languages

GERTRUDE L. C. RIDGEL

B. S., West Virginia State College; M. S., University of Wisconsin; Ph. D., University of Wisconsin; Post-Doctoral Study, University of Wisconsin and University of Michigan. Kentucky State College, 1960—
Professor, Department of Biology

GUS T. RIDGEL

B. S., Lincoln University, (Mo.), M. A., University of Missouri; Ph. D., University of Wisconsin; Post-Doctoral Study, University of Wisconsin, University of Chicago, and Indiana University. Kentucky State College, 1960—
Professor and Head, Department of Business Administration-Economics

DOLORES M. ROBINSON

B. S., Fort Valley State College; M. A., New York University; Advanced Study, New York University and Atlanta University. Kentucky State College, 1963—
Assistant Professor of Business Education, Department of Business-Economics

CORNIETH Y. RUSSELL

B. S., Tennessee A. & I. State University; M. Ed., Tennessee A. & I. State University; Advanced Study, Michigan State University. Kentucky State College, 1963—
Instructor, Department of Health & Physical Education.

W. FRANK SHAUNTEE

B. S., Knoxville College; M. S., Indiana State Teachers College, Advanced Study, Indiana State Teachers College. Kentucky State College, 1946—
Acting Head, Assistant Professor, Department of Industrial Arts

PATTYE L. SIMPSON

A. B., Kentucky State College; M. A., Teachers College, Columbia University; Advanced Study, McGill University, Indiana University, and Syracuse University. Kentucky State College, 1931—
Assistant Professor, Department of Education-Psychology

CARL H. SMITH

B. M. Ed., Lincoln University (Mo); M. Mus., Tulsa University; Advanced Study, Ohio State University. Kentucky State College, 1958—
Instructor, Department of Music

HAROLD S. SMITH

A. B., Kentucky State College; M. A., University of Wisconsin; Ph. D., University of Wisconsin. Kentucky State College, 1936—
Professor and Head, Department of History and Political Science

JOSEPHINE SMITH

B. S., Fort Valley State College; M. A., New York University; Advanced Study, Teachers College, Columbia University and University of Wisconsin. Kentucky State College, 1962—
Assistant Professor, Department of Business Administration-Economics

HERMAN S. STOVALL

B. S., West Virginia State College; M. S., University of West Virginia; Advanced Study, University of Kentucky. Kentucky State College, 1956—
Instructor, Department of Education-Psychology, Director, Atwood Hall

ARCHIE L. SURRETT

B. S., A. M. and N. College, Arkansas; M. S., Michigan State College; Advanced Study, Michigan State College and University of Kentucky. Kentucky State College, 1948—
Instructor, Department of Biology, Asst. Director, Atwood Hall

SAMUEL B. TAYLOR

B. A., Northwestern University; M. S., Prairie View State College. Kentucky State College, 1959—
Assistant Professor, Department of Business Administration-Economics; Head Coach of Track

ALDRED VAN IRVIN

A. B., Fisk University; M. S., University of Michigan; Advanced Study, University of Illinois. Kentucky State College, 1952—
Assistant Professor, Department of Mathematics and Physics

MELVILLE F. WHEDBEE

A. B., Virginia Seminary; Graduate Study, Columbia University, Northwestern University, Atlanta University, Fisk University, and University of Kentucky. Kentucky State College, 1959—
Instructor, Department of Health and Physical Education; Acting Head Coach of Football

ROBERT D. WILLIAMS

A. B., Kentucky State College; M. S., Indiana University. Kentucky State College, 1953—
Instructor, Department of Health and Physical Education, Baseball Coach

G. D. WILSON

A. B., Indiana University; M. A., Teachers College, Columbia University; Ph. D., Ohio State University. Kentucky State College, 1951—
Professor and Head, Department of Education-Psychology

ANNA L. WOLFE

B. S., Kentucky State College; Graduate Study, University of Kentucky. Kentucky State College, 1958—
Critic Teacher of Intermediate Grades Rosenwald Laboratory School

ARNOLD W. WRIGHT

B. S., Alabama State College; M. A., Atlanta University; Advanced Study, University of Wisconsin. Kentucky State College, 1936—
Associate Professor, Department of Sociology

FACULTY EMERITII**RUFUS BALLARD ATWOOD**

A. B., Fisk University; B. S., Iowa State College; M. A., University of Chicago; LL. D. (Hon.) Lane College; D. Ed. (Hon.) Monrovia College, Monrovia, W. Africa. Kentucky State College, 1929—
President

JESSIE P. ROACH, A. B.—Director of Kentucky Hall

CEE VEE HARRIS SMITH, B. S., M. A.—Associate Professor and Acting-Head, Department of Business Administration

NOTES

6450

BLAZER LIBRARY
KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY



SEP 1965